
Subject: Re: Execution halted

Posted by [Martin Schultz](#) on Tue, 03 Apr 2001 08:01:05 GMT

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David Fanning wrote:

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>
> Martin Skou Andersen (skou@fys.ku.dk) writes:
>
>> I get the following messages when i tries to plot some data...
>> -----
>> IDL> plot, x, y
>> % Unsupported X Windows visual (class: StaticGray, depth: 0).
>> Substituting default (class: <UndefinedVisual>, Depth: 0).
>> % Execution halted at: $MAIN$          105 /xxx/xxx/xxx.pro
>> -----
>>
>> Im running IDL version 5.2 (linux x86), on RedHat 7.0 with Gnome.
>> What is wrong?
>> Please help... :o)
>
> You need to run your XServer in either 8-bit or 24-bit
> (what I recommend) mode. Not the 16-bit mode you are
> probably in now. :-)
>
> If any of you Linux-types want to write the definitive
> answer to this question, I'll make every effort to save it
> in a place where I can find it. (I'll even add it to
> my web page, so we don't have to answer this question
> any more. :-)
>
David,
```

 this is the definitive answer ;-)

Although: I successfully got IDL to plot something on my laptop which is running 16-bit mode by tricking it to believe it has 24-bit. I have no idea if this is driver specific (ATI card) or a general XFree4 feature. All I did was to set the default depth in XF86Config to 24. While the laptop then starts in 16 bit mode, it apparently adds a 24-bit mode to its `xdpyinfo`, and IDL seems to use that information to determine if it can run. CAUTION: There are some side effects: While !D.N_Colors reports 247,000 or some other high number, !D.Table_Size is limited to, in my case even 64(!).

Oh... yes... and don't forget decomposed=0 ...

Cheers,
Martin

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