Subject: Re: Redhat 7.2/IDL 5.5a oddity (long)
Posted by Liam E. Gumley on Thu, 18 Jul 2002 18:06:32 GMT
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Bruce Bowler wrote:
> Pardon the ignorant question, but ever since upgrading to RH7.2 and
> IDL5.5 (and subsequently 5.5a), whenever I fire up IDL, I get the
> following message...
>
> Warning: Cannot find Visual of class PseudoColor for display :0.0
>
> help,/device shows

[stuff deleted]

>
> my idl_startup file only mucks around with !path. What do I need to do
> to get IDL to stop looking for an PseudoColor visual?

Try this in your startup file:

```
if !version.os_family eq 'unix' then device, true_color=24
window, /free, /pixmap, colors=-10
wdelete, !d.window
device, decomposed=0, retain=2, set_character_size=[10, 12]
device, get_visual_depth=depth
print, 'Display depth: ', depth
print, 'Color table size: ', !d.table_size
```

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/

Subject: Re: Redhat 7.2/IDL 5.5a oddity (long)
Posted by Bruce Bowler on Thu, 18 Jul 2002 19:11:39 GMT
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On Thu, 18 Jul 2002 14:06:32 -0400, Liam E. Gumley wrote:

> Bruce Bowler wrote:
>> Pardon the ignorant question, but ever since upgrading to RH7.2 and
>> IDL5.5 (and subsequently 5.5a), whenever I fire up IDL, I get the
>> following message...
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>> Warning: Cannot find Visual of class PseudoColor for display :0.0
>>

```
>>  help,/device shows
>
> [stuff deleted]
>
>
>>  my idl_startup file only mucks around with !path.  What do I need to do
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> window, /free, /pixmap, colors=-10
> wdelete, !d.window
> device, decomposed=0, retain=2, set_character_size=[10, 12]
> device, get_visual_depth=depth
> print, 'Display depth: ', depth
> print, 'Color table size: ', !d.table_size
```

And that produces...

```
Warning: Cannot find Visual of class PseudoColor for display :0.0
Display depth:          24
Color table size:        256
IDL> exit
```

```
--
 +------------------+------------------------------------- ------------+
Bruce Bowler       | Music is the meditation between the intellectual
1.207.633.9600     | and the sensuous life.  - Beethoven
bbowler@bigelow.org |
 +------------------+------------------------------------- ------------+
```

Subject: Re: Redhat 7.2/IDL 5.5a oddity (long)
Posted by Liam E. Gumley on Thu, 18 Jul 2002 19:21:50 GMT
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Bruce Bowler wrote:
>
> On Thu, 18 Jul 2002 14:06:32 -0400, Liam E. Gumley wrote:
>
>> Bruce Bowler wrote:
>>> Pardon the ignorant question, but ever since upgrading to RH7.2 and
>>> IDL5.5 (and subsequently 5.5a), whenever I fire up IDL, I get the
>>> following message...
>>>
>>> Warning: Cannot find Visual of class PseudoColor for display :0.0

>>>
>>> help,/device shows
>>
>> [stuff deleted]
>>
>>
>>> my idl_startup file only mucks around with !path. What do I need to do
>>> to get IDL to stop looking for an PseudoColor visual?
>>
>> Try this in your startup file:
>>
>> if !version.os_family eq 'unix' then device, true_color=24
>> window, /free, /pixmap, colors=-10
>> wdelete, !d.window
>> device, decomposed=0, retain=2, set_character_size=[10, 12]
>> device, get_visual_depth=depth
>> print, 'Display depth: ', depth
>> print, 'Color table size: ', !d.table_size
>
> And that produces...
>
> Warning: Cannot find Visual of class PseudoColor for display :0.0
> Display depth: 24
> Color table size: 256
> IDL> exit

Do you have any resource settings for IDL in your $HOME/.Xdefaults file?
If so, I would remove them.
That said, the fact that it prints a resaonable display depth makes me
think that everything is probably okay (apart from the warning message).

On a related note, if you have not doen so already, you should apply the
patch described at

http://www.rsinc.com/services/output.cfm?tip_id=3257

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/

Subject: Re: Redhat 7.2/IDL 5.5a oddity (long)
Posted by Bruce Bowler on Fri, 19 Jul 2002 13:15:18 GMT
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On Thu, 18 Jul 2002 15:21:50 -0400, Liam E. Gumley put fingers to keyboard
and said:

> Do you have any resource settings for IDL in your $HOME/.Xdefaults file?
> If so, I would remove them.
> That said, the fact that it prints a resaonable display depth makes me
> think that everything is probably okay (apart from the warning message).

Welll duh... That was indeed the "problem", except that they were in the
.Xresources file :-)

> On a related note, if you have not doen so already, you should apply the
> patch described at
>
> http://www.rsinc.com/services/output.cfm?tip_id=3257

Already had that, but thanks for the reminder.

--
 +------------------+--------------------------------------- ------------+
Bruce Bowler | For every credibility gap there is a gullibility
1.207.633.9600 | fill. - Richard Clopton
bbowler@bigelow.org |
 +------------------+--------------------------------------- ------------+