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Subject: Having problems with IDL for Linux  
Posted by [munter](#) on Fri, 13 Sep 1996 07:00:00 GMT  
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I am running RedHat Release 3.0.3 (Picasso) with Linux kernel 1.2.13.  
We bought the commercial server Xaccel from Xinside.

I have been experiencing two problems with IDL for Linux. The first is that my trial period mysteriously expired twice on the first day that I ran the genver program. The first time it happened, I called up RSI tech support, they gave me another number, and it worked fine for a while. It happened again later in the day, and I sent them an email message describing the problem. I came into work this morning, and it worked great again. The trial period was mysteriously renewed. Has anyone else had this happen to them with Linux?

Now the other question. IDL seems to be having a hard time getting the information about the visual class from the XWindow server. When I try to run 'xloadct' I get the following output:

```
IDL> xloadct
% Compiled module: XLOADCT.
% Compiled module: XREGISTERED.
% Compiled module: LOADCT.
% Unsupported X Windows visual (class: StaticGray, depth: 0).
  Substituting default (class: <UndefinedVisual>, Depth: 0).
% Error occurred at:  LOADCT          86
  /usr/local/rsi/idl_4/lib/loadct.pro
%          XLOADCT          368
  /usr/local/rsi/idl_4/lib/xloadct.pro
%          $MAIN$
% Execution halted at:  XLOADCT          368
  /usr/local/rsi/idl_4/lib/xloadct.pro
```

IDL checks through the list of visual classes on Page 3-55R of the manuals to find out which one it should use. It looks like it is making it all the way through the list without finding any before it crashes. I can define the correct visual class with the command:

```
IDL> device, true_color=15
```

and then try to run 'xloadct'. It makes it a little farther and gives me the XLoadct widgets before it dies. Here is the output I get:

```
IDL> device, true_color=15
IDL> xloadct
% Compiled module: XLOADCT.
% Compiled module: XREGISTERED.
```

```
% Compiled module: LOADCT.  
% Compiled module: FILEPATH.  
% Compiled module: CW_BGROU  
% Array has a corrupted descriptor: <No name>.  
% Execution halted at: XLOADCT      486  
  /usr/local/rsi/idl_4/lib/xloadct.pro  
%                               $MAIN$
```

If I make any plots after setting the visual class as above, the colors come out all wrong. Another example of the problem is when I run the tour from the demo. The same error occurs whether I run it from a remote machine and send the XWindows to my Linux box or run it on my local machine:

```
% Embedded IDL: Research Systems, Inc., IDL Demo.  
% Unsupported X Windows visual (class: PseudoColor, depth: 8).  
  Substituting default (class: TrueColor, Depth: 15).  
% Procedure XMANAGER can't be restored while active.  
% Restored file: IDL_TOUR.  
% Array has a corrupted descriptor: <No name>.  
% Error occurred at: IDL_DEMO_EVENT  
%           WIDGET_EVENT  
%           XMANAGER  
%           DEMO  
%           MAIN  
%           $MAIN$  
% Execution halted at: $MAIN$
```

Any suggestions on how to fix this problem? I thought about posting it to an XWindow group, but the problem seems to be exclusive to IDL. xv works fine, the colors are right, netscape's colors are all right. Gnuplot's colors seem to work, and the window manager, fwm, displays its colors correctly.

Thanks in advance for any help.

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