
Subject: Re: VNC and IDL problems

Posted by [Karl Schultz](#) on Tue, 27 Jan 2004 16:39:51 GMT

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<wmc@bas.ac.uk> wrote in message news:40166656@news.nwl.ac.uk...

> Hello group...

>

> I'm trying to use VNC to share my desktop.

VNC rocks.

> This causes IDL problems... initially

> I can't open a window at all. Then I run "demo", which manages to open a

> window, and then I can, but the colours are all screwed (and so are the

> colors, for those over the pond...).

>

> I can change colour table a bit, but I think I have a problem because

> help,/device says Visual Class: TrueColor (4) and I think I want

> psuedo colour.

>

> *Before* I use "demo" to get some kind of window, I find:

>

> wmc> set_plot,'x'

> wmc> help,/device

> Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X Z

> Current graphics device: X

> 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\$

>

> which isn't very helpful.

>

> Any advice appreciated.

>

> If its relevant, the IDL is running on Tru64, and the viewer on Tru64 or
linux,

> with identical results. And I want to be running it under XP at home.

I don't run VNC on Tru64, but I use it ALL the time back and forth between
WinXP, linux, solaris, at work, and between work and home. I get really
good results. I just love it. IDL works really well.

It sort of looks to me like your vnc server on Tru64 isn't working quite
right. The fonts have a problem and the visual class and depth both seem to
be zero, which is really bad. This suggests some some of X(vnc) server
problem.

I get, when running vncserver on rh 7.1 with depth = 24, with a vnc viewer on WinXP:

```
IDL> set_plot, 'X'
```

```
IDL> help, /device
```

Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X Z

Current graphics device: X

Server: X11.0, AT&T Laboratories Cambridge, Release 3332

Display Depth, Size: 24 bits, (1280,1024)

Visual Class: TrueColor (4)

Bits Per RGB: 8 (8/8/8)

Physical Color Map Entries (Emulated / Actual): 256 / 256

Colormap: Private, 16777216 colors. Translation table: Enabled

Graphics pixels: Decomposed, Dither Method: Ordered

Write Mask: 16777215 (decimal) ffffff (hex)

Graphics Function: 3 (copy)

Current Font: <default>, Current TrueType Font: <default>

Default Backing Store: Req from Server.

The results you got suggest a really serious vnc server error. Is vnc officially supported on Tru64? Did you build the binaries yourself, or did you find precompiled libraries?

If you want to see if IDL is the problem here, try running 'xdpyinfo'. You should see something like:

```
kschultz@pod(50)% xdpyinfo
```

```
name of display:  :42.0
```

```
version number:  11.0
```

```
vendor string:   AT&T Laboratories Cambridge
```

```
vendor release number:  3332
```

```
maximum request size: 4194300 bytes
```

```
motion buffer size: 256
```

```
bitmap unit, bit order, padding:  32, LSBFirst, 32
```

```
image byte order:  LSBFirst
```

```
number of supported pixmap formats:  2
```

```
supported pixmap formats:
```

```
depth 1, bits_per_pixel 1, scanline_pad 32
```

```
depth 24, bits_per_pixel 32, scanline_pad 32
```

```
keycode range:  minimum 8, maximum 255
```

```
focus: window 0xc0000e, revert to PointerRoot
```

```
number of extensions:  7
```

```
BIG-REQUESTS
```

```
MIT-SHM
```

```
MIT-SUNDRY-NONSTANDARD
```

```
SHAPE
```

```
SYNC
```

XC-MISC

XTEST

default screen number: 0

number of screens: 1

Karl
