

Re: Problem with Xserver and Gnome applications

Source: <http://unix.derkeiler.com/Newsgroups/comp.sys.sgi.admin/2008-01/msg00008.html>

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On 2008-01-24, J.A. Gutierrez <spd@xxxxxxxxxxxxxxxxxxxxxx> wrote:

Hello

I have noticed a problem while trying to display X clients running on Linux systems with remote display on IRIX 6.5 X server.

– Server:

IRIX64 6.5.24f
X11 Execution Environment, 6.5.24, based on X11R6.6
Default screen #0:

dimensions: 1280x1024 pixels (396x297 millimeters)
resolution: 82x88 dots per inch
depths (5): 1, 8, 12, 15, 24
root window id: 0x35
depth of root window: 24 planes

– Clients:

Several recent Linux distributions, for example Mandriva 2008.1
lib64gdk_pixbuf2.0_0-2.12.5-2mdv2008.1
gnome-common-2.20.0-2mdv2008.1

\$ gedit

The program 'gedit' received an X Window System error.

This probably reflects a bug in the program.

The error was 'BadValue (integer parameter out of range for operation)'.
(Details: serial 72 error_code 2 request_code 139 minor_code 1)

request_code is 139, which being greater than 127, means that the failed request belongs to an X11 extension. First though is that maybe the Xsgi server does not support that extension and gedit doesn't check for it properly? Apparently major opcode of 139 belongs to the TOG-CUP extension, see if that's listed at xdpiinfo of your SGI X server, or not.

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However an unsupported extension opcode would cause a BadRequest, not a BadValue, error. BadValue means, as the parenthesis indicates, that one of the arguments passed to the specific extension's request is invalid. minor_code of 1, means that the request is GetReservedColormapEntries. The only value given to that request according to TOG-CUP specification (<http://www.x.org/docs/Xext/tog-cup.pdf>), is the screen number. It's highly unlikely that gedit always sends an invalid screen number, and X.org lets it get away with that, and it's just Xsgi that barfs... Unless it's an endianness issue, which would be an Xlib bug (xorg's one)... but that's even more unlikely. The best course of action is to send a bug report to gedit with all the above information, and see where that leads to. It could be an Xsgi bug, so send them an email, if you have a support contract with SGI, and see if they care in their current sad state :) It's a pretty obscure extension AFAIK, and a bug might have crept unnoticed.

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