

DRI and linux compat...

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2006-05/msg00614.html>

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Hello,

I'm trying to get a game running. The game in question is NeverWinterNights though I don't think the problem is related to the game specifically. The game does actually run. It is just that it is so unbelievably slow.

It would appear as though I have no DRI within my linux-compat. DRI is working outside of linux-compat. I have been unable to find much on the web regarding this. Basically this is as far as I've gotten:

```
[/compat/linux/usr/X11R6/bin] root# setenv LIBGL_DEBUG verbose
[/compat/linux/usr/X11R6/bin] root# ./glxinfo
libGL: XF86DRIGetClientDriverName: 5.0.3 radeon (screen 0)
libGL: OpenDriver: trying /usr/X11R6/lib/modules/dri/radeon_dri.so
drmOpenByBusid: busid is pci:0000:01:00.0
drmOpenDevice: minor is 0
drmOpenDevice: node name is /dev/dri/card0
drmOpenDevice: open result is 4, (OK)
drmOpenByBusid: drmOpenMinor returns 4
drmOpenByBusid: drmGetBusid reports pci:0000:01:00.0
libGL error:
DDX DRI driver expected Radeon version 4.0.x but got version 5.0.3
libGL error: InitDriver failed
display: :0.0 screen:0
direct rendering: No
server glx vendor string: SGI
server glx version string: 1.2
server glx extensions:
GLX_ARB_multisample, GLX_EXT_visual_info, GLX_EXT_visual_rating,
GLX_EXT_import_context, GLX_OML_swap_method, GLX_SGI_make_current_read,
GLX_SGIS_multisample, GLX_SGIX_hyperpipe, GLX_SGIX_swap_barrier,
GLX_SGIX_fbconfig
client glx vendor string: SGI
client glx version string: 1.2
client glx extensions:
```

I'm guessing the my linux libGL does not like my radeon driver's version? Any way to fool it? (Since I'd rather not downgrade my radeon driver.)

I am running 6.1-Something as of yesterday. I have never had this game working. Just installed it today. So

its not like it stopped working at some point.

Not sure what else to post that might be useful. But here's a few:

Ports of Interest

links-0.98,1 = up-to-date with port
linux-XFree86-libs-4.3.99.902_7 = up-to-date with port
linux-atk-1.8.0_2 = up-to-date with port
linux-expat-1.95.7_1 = up-to-date with port
linux-fontconfig-2.2.3_3 = up-to-date with port
linux-glib2-2.4.8_2 = up-to-date with port
linux-gtk2-2.4.14_4 = up-to-date with port
linux-jpeg-6b.33_1 = up-to-date with port
linux-nwnclient-1.66 = up-to-date with port
linux-openmotif-2.2.4_2 = up-to-date with port
linux-pango-1.6.0_2 = up-to-date with port
linux-png-1.2.8_1 = up-to-date with port
linux-realplayer-10.0.7.785.20060201 = up-to-date with port
linux-sdl-1.2.5_2 = up-to-date with port
linux-tiff-3.6.1_6 = up-to-date with port
linux_base-8-8.0_14 = up-to-date with port
linux_dri-4.4.0 = up-to-date with port
linuxdoc-1.1_1 = up-to-date with port
linuxpluginwrapper-20051113_2 = up-to-date with port
xmms-esound-1.2.10_6 = up-to-date with port
xorg-6.9.0 = up-to-date with port
xorg-clients-6.9.0_2 = up-to-date with port
xorg-documents-6.9.0 = up-to-date with port
xorg-fonts-100dpi-6.9.0_1 = up-to-date with port
xorg-fonts-75dpi-6.9.0_1 = up-to-date with port
xorg-fonts-cyrillic-6.9.0_1 = up-to-date with port
xorg-fonts-encodings-6.9.0_1 = up-to-date with port
xorg-fonts-miscbitmaps-6.9.0_1 = up-to-date with port
xorg-fonts-truetype-6.9.0 = up-to-date with port
xorg-fonts-type1-6.9.0 = up-to-date with port
xorg-fontserver-6.9.0_1 = up-to-date with port
xorg-libraries-6.9.0 = up-to-date with port
xorg-manpages-6.9.0 = up-to-date with port
xorg-nestserver-6.9.0 = up-to-date with port
xorg-printserver-6.9.0_1 = up-to-date with port
xorg-server-6.9.0_3 = up-to-date with port
xorg-vfbserver-6.9.0_1 = up-to-date with port

Some of Xorg.conf

```
Section "Module"
Load "dbe"
Load "dri"
Load "drm"
Load "extmod"
Load "glx"
Load "record"
```

```
Load "xtrap"
Load "freetype"
Load "type1"
EndSection
Section "DRI"
Mode 0666
EndSection
Section "Screen"
Identifier "Screen0"
Device "Card0"
Monitor "Monitor0"
DefaultDepth 24
DefaultFbBpp 32
SubSection "Display"
#Depth 24
#FbBpp 32
Modes "1024x768"
EndSubSection
```

```
root# kldstat
Id Refs Address Size Name
1 10 0xc0400000 82d4a0 kernel
2 1 0xc0c2e000 6c1c snd_ich.ko
3 2 0xc0c35000 27614 sound.ko
4 1 0xc0c5d000 1c77c kqemu.ko
5 1 0xc0c7a000 6b710 acpi.ko
6 1 0xc4db1000 1a000 linux.ko
```

Hardware is a Dell Inspiron 5100 2.6GHz.
drm0: <ATI Radeon LW RV200 Mobility 7500 M7> port 0xc000-0xc0ff mem
0xe8000000-0xefffffff,0xfcff0000-0xfcffffff irq 11 at device 0.0 on pci1
info: [drm] AGP at 0xe0000000 128MB
info: [drm] Initialized radeon 1.19.0 20050911

Any help is appreciated.

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Regards,
Eric

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