

Re: Trouble with DRI (WAS: Re: [ANNOUNCE] New ATI drivers available)

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-09/1557.html>

From: Arnt Karlsen (arnt_at_c2i.net)

Date: 09/09/03

Date: Tue, 9 Sep 2003 12:57:36 +0200

To: debian-user@lists.debian.org

On Tue, 09 Sep 2003 07:49:21 +0800,
csj <csj@zapo.net> wrote in message
<87iso2deny.wl@antares.localhost.invalid>:

> At Mon, 8 Sep 2003 05:20:28 +0200 (CEST),
> Roberto Sanchez wrote:
>
> [...]
>
>> OK. I'm hoping that someone can help me out here. This
>> morning I downloaded the new Knoppix CD that came out on
>> Friday. I burned it and used it to boot my machine, and to my
>> surprise it recognized the nForce2 AGPGART and even
>> successfully loaded the DRI drivers. Not only that, but the
>> frame rate in glxgears was like 2500 fps, versus 1925 that I
>> get with the new closed-source ATI driver. So I set about
>> duplicating Knoppix's setup, but nothing worked.
>>
>> I added this line to sources.list:
>>
>> deb <http://penguinppc.org/~daniels/sid/i386/> ./
>>
>> I used to download my source from that site, when
>> Daniel-san. first took it upon himself to create XFree86 4.3 for
>> the terminally impatient. Now my 4.3 packages come from:
>>
>> <http://necrotic.deadbeast.net/xfree86/>
>>
>> I don't know how unofficial that is. But there are near nightly
>> builds of the debian diff's to the X sources. So somebody must
>> be maintaining them. To be sure, I take the trouble of compiling
>> from the source.
>>
>>> Which got me the same exact XFree86 that Knoppix uses (I had
>>> built my own packages from the sources and patches on the

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> > X-Strike Force page) back on July 22. I also downloaded the
> > latest Radeon tarball from dri.sourceforge.net. Nothing I did
> > got DRI working with the open source drivers. I also tried the
> > xlibmesa4-drm-source package, but that did not help either.
>
> [...]
>
> Did you try "lsmod" on both machines? Did you make sure the
> binary stuff was totally purged from your system? I ran into
> some problem when I replaced my NVidia with the Radeon. The
> binary drivers at that time wouldn't surrender without a fight
> (something to do with "diversions" IRC).
>
> Also I get my opensource radeon DRI drivers from a Debian
> maintainer's unofficial "site":
>
> <http://people.debian.org/~daenzer/dri-trunk/>
> <http://people.debian.org/~daenzer/dri-trunk-sid/>
>
> The first URL is for xfree86 4.2, the other for xfree86 4.3. I
> had to eliminate the kernel options that would compile the
> kernel's native radeon drivers (which would be replaced by
> dri-trunk's own kernel modules).
>
> To be sure I'm running Daenzer's unofficial deps on top of the
> official sid X 4.2. The deps allow me to play Chromium and
> GLTron with decent explosions. Since the Radeon VE doesn't have
> TCL (whatever that means) I get worse fps (100 fps) when running
> glxgears under DRI than when running it under plain X (200 fps).
> I think Chromium is a better test for 3D acceleration because it
> allows you to waste your time in a more entertaining manner.

..huh? :-) Any chance these work with these cards:

```
cat /proc/pci |tail -n 7
```

Bus 1, device 0, function 0:

VGA compatible controller: ATI Technologies Inc 3D Rage IIC
AGP (rev 122).

IRQ 11.

Master Capable. Latency=64. Min Gnt=8.

Prefetchable 32 bit memory at 0xea000000 [0xeaffffff].

I/O at 0xd000 [0xd0ff].

Non-prefetchable 32 bit memory at 0xe9000000 [0xe900ffff].

...and:

Bus 0, device 15, function 0:

VGA compatible controller: ATI Technologies Inc 3D Rage II+
215GTB [Mach64 GTB] (rev 154).

Master Capable. Latency=32. Min Gnt=8.

Non-prefetchable 32 bit memory at 0xe0000000 [0xe0ffffff].

I/O at 0x6600 [0x66ff].

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Non-prefetchable 32 bit memory at 0xe1000000 [0xe1000fff].

...??? Needed for <http://flightgear.org/> ...

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..med vennlig hilsen = with Kind Regards from Arnt... ;-)

...with a number of polar bear hunters in his ancestry...

Scenarios always come in sets of three:

best case, worst case, and just in case.

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