

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

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-09/1482.html>

From: csj (csj_at_zapo.net)

Date: 09/09/03

Date: Tue, 09 Sep 2003 07:49:21 +0800

To: <debian-user@lists.debian.org>

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
> 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.*

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

[...]

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 debs on top of the official sid X 4.2. The debs 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.

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