

nvidia geforce2 and hard lock-ups

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2005-08/3823.html>

From: Andrew Sackville-West (andrew_at_farwestbilliards.com)

Date: 08/31/05

Date: Wed, 31 Aug 2005 12:22:52 -0700
To: Debian-User <debian-user@lists.debian.org>

greetings,

I've been working on a debootstrap install of what will ultimately be pure sid on an extra partition. Got a base system up and running with no apparent problems, but when I went for an x-windows system I encountered a serious issue: hard lock-up upon starting x. can't ssh in or anything (yes sshd is running ;P).

I've googled a lot and found someone with the same problem that was not apparently resolved:

<http://lists.debian.org/debian-user/2004/10/msg00728.html>

My problem appears to exactly match his right down to matching xfree86.0.log.

logs and lspci below.

so I know the thing is do-able 'cause I'm using an HD install of knoppix right now and it works great,, I tried copying over XF86Config-4 from knoppix partitions, but no go. also follow some of Andrew Schueller(?)'s advice on using nvidia instead of nv to no avail. so I'm looking for some direction and help is appreciated.

(meanwhile, gotta redo my debootstrap, errant space-bar-thumb results in `rm -rf /etc /X11` instead of `rm -rf /etc/X11`. oh well ;)

thanks

A

relevant output of lspci:

```
0000:02:00.0 VGA compatible controller: nVidia Corporation NVCrush11
[GeForce2 MX Integrated Graphics] (rev b1)
```

my /var/log/xfree86.0.log:

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XFree86 Version 4.3.0.1 (Debian 4.3.0.dfsg.1-14 20050601051219
fabbione@fabbione
.net)

Release Date: 15 August 2003

X Protocol Version 11, Revision 0, Release 6.6

Build Operating System: Linux 2.4.29-pre2 i686 [ELF]

Build Date: 01 June 2005

This version of XFree86 has been extensively modified by the Debian Project, and is not supported by the XFree86 Project, Inc., in any way. Bugs should be reported to the Debian Bug Tracking System; see <URL: <http://www.debian.org/Bugs/Reporting> >.

We strongly encourage the use of the "reportbug" package and command to ensure that bug reports contain as much useful information as possible.

Before filing a bug report, you may want to consult the Debian X FAQ:

XHTML version: <file:///usr/share/doc/xfree86-common/FAQ.xhtml>

plain text version: <file:///usr/share/doc/xfree86-common/FAQ.gz>

Module Loader present

OS Kernel: Linux version 2.4.27-2-386

(horms@tabatha.lab.ultramonkey.org) (gcc v

ersion 3.3.6 (Debian 1:3.3.6-8)) #1 Tue Aug 16 15:28:25 JST 2005 T

Markers: (—) probed, (**) from config file, (==) default setting,

(++) from command line, (!!) notice, (II) informational,

(WW) warning, (EE) error, (NI) not implemented, (??) unknown.

(==) Log file: "/var/log/XFree86.0.log", Time: Tue Aug 30 21:34:19 2005

(==) Using config file: "/etc/X11/XF86Config-4"

(==) ServerLayout "Default Layout"

(**) |-->Screen "Default Screen" (0)

(**) | |-->Monitor "Generic Monitor"

(**) | |-->Device "NVIDIA Corporation NVCrush11 [GeForce2 MX
Integrated Graphics]"

(**) |-->Input Device "Generic Keyboard"

(**) Option "XkbRules" "xfree86"

(**) XKB: rules: "xfree86"

(**) Option "XkbModel" "pc104"

(**) XKB: model: "pc104"

(**) Option "XkbLayout" "us"

(**) XKB: layout: "us"

(==) Keyboard: CustomKeycode disabled

(**) |-->Input Device "Configured Mouse"

(WW) The directory "/usr/lib/X11/fonts/CID" does not exist.

Entry deleted from font path.

(**) FontPath set to

"unix:/7100,/usr/lib/X11/fonts/misc,/usr/lib/X11/fonts/100d

pi:/unscaled,/usr/lib/X11/fonts/75dpi:/unscaled,/usr/lib/X11/fonts/Type1,/usr/li

b/X11/fonts/Speedo,/usr/lib/X11/fonts/100dpi,/usr/lib/X11/fonts/75dpi"

(==) RgbPath set to "/usr/X11R6/lib/X11/rgb"

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(==) ModulePath set to "/usr/X11R6/lib/modules"

(--) using VT number 7

and then BAM, locked up hard. black screen.

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