

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2008-02/msg02114.html>

- *From:* Nigel Henry <cave.dnb2m97pp@xxxxxxxxxxxxx>
 - *Date:* Mon, 18 Feb 2008 21:25:52 +0100
-

On Monday 18 February 2008 20:28, Mark C. Allman wrote:

On Mon, 2008-02-18 at 19:54 +0100, Nigel Henry wrote:

On Monday 18 February 2008 14:53, Mark C. Allman wrote:

On Sun, 2008-02-17 at 19:01 +0100, Nigel Henry wrote:

On Friday 15 February 2008 20:32, Mark C. Allman wrote:

On Fri, 2008-02-15 at 20:09 +0100, Nigel Henry wrote:

On Friday
15 February
2008 02:35,
Mark C.
Allman
wrote:

On
Thu,
2008-02-14
at
22:13
+0100,
Nigel
Henry
wrote:

On
Thursday
14
February
2008
18:01,

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

Mark
C.
Allman
wrote:

On
Wed,
2008-02-13
at
22:43
+0100,
Nigel
Henry
wrote:

On
Wednesday
13
February
2008
21:34,
Frank
Chiulli
wrote:

Nigel,
I
have
a
Sound
Blaster
Live!
Value.
This
is
an
older
machine.
F8
detected
the
card
automatically.
Unfortunately
I
can't
tell
you
exactly
when
I

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got
the
error.
I
had
tried
lots
of
things
to
get
sound
to
work
but
never
did.
It
wasn't
a
big
deal.
Then
I
was
looking
at
something
else
when
I
was
the
error.
I
figured
that
I
would
take
a
look
at
it.
It
seems
like
an
easy
fix.
It

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seems
pretty
obvious
to
me
what
was
wrong.
So
I
corrected
it.
Then
sound
worked.

Frank

Thanks
for
the
reply
Frank.
I
was
hoping
that
you
would
say
that
your
card
was
also
an
isa
one,
and
would
tie
it
in
with
Aarons
problems.

It's
nice
to

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

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see
that
both
of
you
have
resolved
the
problem,
but
what's
going
on
to
cause
these
problems
is
beyond
me.

As
you
see
from
what
I
posted
above,
my
audigy2
soundblaster
was
detected
ok,
and
apart
from
disabling
pulseaudio
by
removing
alsa–plugins–pulseaudio,
and
adding
the
usual
lines
to
/etc/modprobe.conf
for

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

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my
usb
midi
keyboard
that
uses
snd–usb–audio,
the
sounds
are
working
ok.

Anyway,
the
fact
that
both
you
and
Aaron
now
have
sounds
is
the
main
thing.
Quite
why
you've
both
had
problems,
and
me
none,
I've
no
idea.
That's
computers
for
you.

Nigel.

Mark
says:

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

When
I
run
the
"alsa-info.sh"
script
I
see
an
error
message
when
it
tries
to
collect
the
data
that
says
something
like
"no
soundcard
found."
I
think
it's
the
same
error
that
I
see
when
I
run
aplay
to
list
out
cards:
[mcallman@prez
tmp]\$
aplay
-l
aplay:
device_list:205:
no
soundcards
found...

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Also,
when
I
look
at
the
script
results,
I
see
the
following
at
about
line
65
(this
is
after
I
tried
"model=toshiba"
in
modprobe.conf
even
though
my
laptop
is
a
Dell
XPS
1710):
Loaded
sound
module
option

Module:
snd_hda_intel
enable
:
N
id
:
<NULL>
index
:
0
model

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:
toshiba
position_fix
:
0
power_save
:
0
power_save_controller
:
Y
probe_mask
:
-1
single_cmd
:
N

Could
the
"enable:
N"
line
be
the
key
here?
For
those
of
you
that
have
sound
working,
what
do
you
see
listed
for
"enable?"

If
it
helps,
you
can
look
at
all

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the
test
results
that
the
script
uploaded
at:
<http://pastebin.ca/903970>

--
Mark
C.
Allman,
PMP

Hi
Mark.
I've
sort
of
lost
the
plot
a
bit,
but
do
you
have
your
sound
working
now?

I
ask
because
the
Alsa
development
folks
are
working
hard
on
resolving
problems,
particularly

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with
the
hda
intel
cards.
Alsa
driver
1.0.16
has
just
been
released,
and
I
see
many
patches
being
applied
to
the
hda
intel
codecs,
including
your
STAC9200
one.

Nigel.

Sound
works
using:
Pidgin
VLC
(playing
Rush/Tom
Sawyer
right
now)
RealAudio

It
does
not
work
for:
gnome-cd
(won't

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

start
a
track)
grip
(starts
reading
tracks,
but
no
sound)
aplay/arecord
("no
soundcard
found")
Flash
in
Firefox
system–config–soundcard
(everything's
there—just
no
sound!!)

I
can
pipe
a
".au"
file
(if
I
remember
the
extension
correctly)
to
/dev/audio
and
I
hear
it.

Some
"/proc/asound"
stuff:
[mcallman@prez
X11]\$
ls
/proc/asound/
card0
cards

Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)

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```
devices
hwdep
Intel
modules
oss
pcm
seq
timers
version
[mcallman@prez
X11]$
cat
/proc/asound/cards
0
[Intel
]:
HDA-Intel
-
HDA
Intel
HDA
Intel
at
0xdffc000
irq
21
[mcallman@prez
X11]$
ls
/proc/asound/card0
codec#0
codec#1
id
oss_mixer
pcm0c
pcm0p
pcm1p
[mcallman@prez
X11]$
cat
/proc/asound/pcm
00-01:
STAC92xx
Digital
:
STAC92xx
Digital
:
playback
1
00-00:
```

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```
STAC92xx
Analog
:
STAC92xx
Analog
:
playback
1
:
capture
1
[mcallman@prez
X11]$
cat
/proc/asound/modules
0
snd_hda_intel
[mcallman@prez
X11]$
cat
/proc/asound/devices
2:
:
timer
3:
:
sequencer
4:
[
0-
1]:
digital
audio
playback
5:
[
0-
0]:
digital
audio
playback
6:
[
0-
0]:
digital
audio
capture
7:
[
0-
```

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```
1]:  
hardware  
dependent  
8:  
[  
0–  
0]:  
hardware  
dependent  
9:  
[  
0]  
:  
control  
[mcallman@prez  
X11]$  
ls  
-ld  
/proc/asound/Intel  
lrwxrwxrwx  
1  
root  
root  
5  
2008-02-14  
20:18  
/proc/asound/Intel  
->  
card0
```

Any
suggestions
would
be
welcome.
If
any
of
the
Alsa
development
folks
would
like
a
test
bed
to
try
out
ideas

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just
let
me
know.

--
Mark
C.
Allman

Hi Mark. I know I've got pulseaudio on the brain, as I had problems with it, and disabled it, but have you got the default install of F8, where pulseaudio is enabled? I ask because of the sound apps that you have working. Realplayer uses OSS, VLC uses natively OSS, or Alsa, and also Gnomes ESD. Not sure about Pidgin (Gaim), but I believe it uses OSS for it's sounds.

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Puzzling
why
Alsa apps
won't work.

If you
haven't
messed with
pulseaudio
since
installing
F8, I think
I'd do a:
yum
remove
alsa-plugins-pulseaudio

having done
that I'd see
if now
aplay, audio
cd's, etc
work.

Enough for
now.

Nigel.

The only PulseAudio
package I have installed is
pulseaudio-libs-0.9.8-5.fc8.
It's needed for
libflashsupport-000-0.1.svn20070904.

Hi Marc. Sorry for the delay in replying. I
spent a while today going
back through the alsa-devel archives, and
the only reference to the
Dell XPS 1710, was one for the Dell XPS
M1710w (which may well be the
same machine), and was to do with a
problem with the subwoofer not
working with the alsa 1.0.14 driver, and on a
Suse install. See below
for the thread.

<http://mailman.alsa-project.org/pipermail/alsa-devel/2007-August/subject.html>

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I'll contact the guy directly, after you've replied to this post, to see if he had any problems with getting sound working on his machine. I'd like to clarify some things with you first though.

<Snip>

-- Mark C. Allman

Over to you, and all the best.

Nigel.

For pulseaudio:
The only PulseAudio package I have installed is pulseaudio-libs-0.9.8-5.fc8.

For option values in modprobe: I tried all ("all") the dell values. Someone earlier said they used "toshiba" even though their laptop wasn't a Toshiba, so I thought I'd try it. No luck, of course.

alsamixer:
[mcallman@prez tmp]\$ alsamixer

alsamixer: function snd_ctl_open failed for default: No such file or directory
-- Mark C. Allman

Hi Mark. I had a reply back from the guy on the alsa-devel list, that has the same machine as you. He's using Suse, not F8, but had no problems getting sound working. See below for his reply.

<quote>

I'm not aware of any initial problem I might have had. However I regularly install drivers from the hg tree so I'm not too sure about actual versions.

However at the time I posted about my subwoofer problem I did have sound and wasn't even aware there might be problems (apart from the sound being somewhat "slim", i.e. missing deep frequencies). On the other hand I usually use headphones and thus don't recognize that.

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Anyway, after applying the patches you refer to above also my building subwoofer works as adverticed and I do have another slider when invoking alsamixer. So I'd say with alsa 1.0.1[456] it should work.

So to sum it up:

I have no problems with sound on my XPS M1710 whatsoever.

Feel free to ask more questions and/or compare configurations.

Best,
Michael
<end quote>

I'm still concerned about pulseaudio, and I'm not trying to start an argument. The fact that that alsamixer is not available appears to indicate that pulseaudio is still involved in some way or other. You have said that you only have pulseaudio-libs installed, but the package that disables pulseaudio is named "alsa-plugins-pulseaudio". Could you please verify that the package named "alsa-plugins-pulseaudio" is not installed. We're just trying to help here, and to get your sound working.

As I've said before, running, rpm -q alsa-plugins-pulseaudio, will show if the package is installed, or Yumex will will also show if it's installed, or if you use apt, and synaptic, synaptic will show if the package is installed.

Sorry. I'm not trying to wind you up, but just trying to find out if pulseaudio is enabled. It's causing a lot of problems for some folks, and disabling it just gets the sounds back.

Nigel.

```
[mcallman@prez tmp]$ rpm -q -a | grep ulse  
pulseaudio-libs-0.9.8-5.fc8
```

```
[mcallman@prez tmp]$ rpm -q -a | grep audio  
gnome-audio-2.0.0-4  
portaudio-19-3.fc8  
audiofile-devel-0.2.6-7.fc8  
jack-audio-connection-kit-0.103.0-5.fc8  
pulseaudio-libs-0.9.8-5.fc8  
audiofile-0.2.6-7.fc8
```

```
[mcallman@prez tmp]$ cat /etc/asound.conf  
pcm.!default {  
  type hw  
  card 0  
}
```

```
ctl.!default {
```

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```
type hw
card 0
}
```

```
pcm.Intel {
type hw
card 0
}
```

```
ctl.Intel {
type hw
card 0
}
```

```
[mcallman@prez tmp]$ amixer
amixer: Mixer attach default error: No such file or directory
```

Is there detailed documentation in an Alsa source that defines what all goes into asound.conf? As I've said all along, I'm just looking for ideas on what to dig into to diagnose and fix this. I'm not expecting you all on the list to do the work!

— Mark C. Allman

Hi Mark. All I've been asking for is a verification that `alsa-plugins-pulseaudio` is installed. This is the package that can cause problems with the sound working. As of yet you have not verified that the `alsa-plugins-pulseaudio` package is either installed, or not installed.

This should be not to difficult. Yumex should show if the package is installed, or just run `rpm -q alsa-plugins-pulseaudio`, and post back the output.

Just a confirmation that `alsa-plugins-pulseaudio` is installed, or not installed will be enough to progress further on with the problem.

Nigel.

—

fedora-list mailing list

fedora-list@xxxxxxxxxxx

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Re: A sound problem one more time.– THE SOLUTION AT LAST (PLEASE NOTE)