

Re: Playing Midi files for Intel AC'97

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-06/msg06400.html>

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On 6/30/07, Chu Tan <chujtan@xxxxxxxxxx> wrote:

I've a Dell 4550 with Intel integrated AC'97 sound card.

```
# lspci
00:1f.5 Multimedia audio controller: Intel Corporation 82801DB/DBL/DBM
(ICH4/ICH4-L/ICH4-M) AC'97 Audio Controller (rev 01)
```

```
# aplaymidi -l
Port Client name Port name
14:0 Midi Through Midi Through Port-0
```

Based on above aplaymidi output, does that mean my card does not have a on-board sound table of sort, so, there isn't a virtual port that allows me to send midi commands to, and have it played through dsp?

Currently, I'm able to use Timidity to process a midi file, translate it to wave and output to dsp. However, I believe this approach is not integrated to alsa. As a result, I think, Audacious isn't able to play midi, because alsa system isn't setup to play midi.

Below is lsmod output, I'm not sure if I missed loading some modules.

```
# lsmod | grep snd
snd_intel8x0 35549 1 snd_ac97_codec 93413 1 snd_intel8x0
ac97_bus 6465 1 snd_ac97_codec
snd_seq_dummy 7877 0 snd_seq_oss 33601 0 snd_seq_midi_event 11201 1 snd_seq_oss
snd_seq 51249 5
snd_seq_dummy,snd_seq_oss,snd_seq_midi_event
snd_seq_device 11853 3 snd_seq_dummy,snd_seq_oss,snd_seq
snd_pcm_oss 43617 0 snd_mixer_oss 19393 1 snd_pcm_oss
snd_pcm 75205 3 snd_intel8x0,snd_ac97_codec,snd_pcm_oss
snd_timer 25157 2 snd_seq,snd_pcm
snd 53829 11
snd_intel8x0,snd_ac97_codec,snd_seq_oss,snd_seq,snd_seq_device,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd
soundcore 11681 1 snd
snd_page_alloc 13769 2 snd_intel8x0,snd_pcm
```

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Try starting timidity like this:

```
timidity -iA -Os -B2,8 --reverb 0 --realtime-priority 1
```

and then see what aplaymidi -l says. (I have a different setup, so this may not work for you. But it's worth a try.)

Andras

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