


fitlad

Wednesday, June 18th, 2008 at 9:35:58am MDT This URL: <http://pastebin.ca/1050216>Alternatives: [Raw](#)Language: [Script Log](#)

Age: 1 hr 50 mins

description of this post

/tmp/alsa-info.txt

```
1. #####
2. ALSA Information Script v 0.4.48
3. #####
4.
5. Script ran on: Wed Jun 18 18:34:05 AST 2008
6.
7.
8. Linux Distribution
9. -----
10.
11. Fedora release 9 (Sulphur) Fedora release 9 (Sulphur) Fedora release 9 (Sulphur) Fedora
    release 9 (Sulphur)
12.
13.
14. Kernel Information
15. -----
16.
17. Kernel release:      2.6.25.6-55.fc9.i686
18. Operating System:   GNU/Linux
19. Architecture:       i686
20. Processor:          i686
21. SMP Enabled:        Yes
22.
23.
24. ALSA Version
25. -----
26.
27. Driver version:      1.0.16rc2
28. Library version:
29. Utilities version:  1.0.16
30.
31.
32. Loaded ALSA modules
33. -----
34.
35. snd_hda_intel
36.
37.
38. Soundcards recognised by ALSA
39. -----
40.
41. 0 [SB                ]: HDA-Intel - HDA ATI SB
42.                        HDA ATI SB at 0xd0400000 irq 16
43.
44.
45. PCI Soundcards installed in the system
46. -----
47.
48. 00:14.2 Audio device: ATI Technologies Inc IXP SB4x0 High Definition Audio Controller
    (rev 01)
49.
50.
51. Advanced information - PCI Vendor/Device/Susbsystem ID's
```



```
113. PCM:
114.   rates [0x160]: 44100 48000 96000
115.   bits [0xe]: 16 20 24
116.   formats [0x1]: PCM
117. Node 0x05 [Audio Output] wcaps 0x1d: Stereo Amp-Out
118. Amp-Out caps: ofs=0x40, nsteps=0x40, stepsize=0x03, mute=0
119. Amp-Out vals: [0x00 0x00]
120. Converter: stream=0, channel=0
121. PCM:
122.   rates [0x160]: 44100 48000 96000
123.   bits [0xe]: 16 20 24
124.   formats [0x1]: PCM
125. Node 0x06 [Audio Output] wcaps 0x211: Stereo Digital
126. Converter: stream=0, channel=0
127. Digital:
128. Digital category: 0x0
129. PCM:
130.   rates [0x160]: 44100 48000 96000
131.   bits [0x1e]: 16 20 24 32
132.   formats [0x1]: PCM
133. Node 0x07 [Vendor Defined Widget] wcaps 0xf00000: Mono
134. Node 0x08 [Vendor Defined Widget] wcaps 0xf00000: Mono
135. Node 0x09 [Audio Input] wcaps 0x10011b: Stereo Amp-In
136. Amp-In caps: ofs=0x09, nsteps=0x1f, stepsize=0x05, mute=1
137. Amp-In vals: [0x00 0x00]
138. Converter: stream=0, channel=0
139. SDI-Select: 0
140. PCM:
141.   rates [0x160]: 44100 48000 96000
142.   bits [0x6]: 16 20
143.   formats [0x1]: PCM
144. Connection: 1
145.   0x22
146. Node 0x0a [Vendor Defined Widget] wcaps 0xf00000: Mono
147. Node 0x0b [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
148. Amp-In caps: ofs=0x17, nsteps=0x1f, stepsize=0x05, mute=1
149. Amp-In vals: [0x00 0x00] [0x80 0x80] [0x80 0x80] [0x80 0x80] [0x80 0x80] [0x80 0x80]
150. Connection: 6
151.   0x18 0x19 0x1a 0x1b 0x1c 0x1d
152. Node 0x0c [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
153. Amp-In caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
154. Amp-In vals: [0x00 0x00] [0x00 0x00]
155. Connection: 2
156.   0x02 0x0b
157. Node 0x0d [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
158. Amp-In caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
159. Amp-In vals: [0x00 0x00] [0x00 0x00]
160. Connection: 2
161.   0x03 0x0b
162. Node 0x0e [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
163. Amp-In caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
164. Amp-In vals: [0x80 0x80] [0x80 0x80]
165. Connection: 2
166.   0x04 0x0b
167. Node 0x0f [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
168. Amp-In caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
169. Amp-In vals: [0x80 0x80] [0x80 0x80]
170. Connection: 2
171.   0x05 0x0b
172. Node 0x10 [Vendor Defined Widget] wcaps 0xf00000: Mono
173. Node 0x11 [Vendor Defined Widget] wcaps 0xf00000: Mono
174. Node 0x12 [Vendor Defined Widget] wcaps 0xf00000: Mono
175. Node 0x13 [Vendor Defined Widget] wcaps 0xf00000: Mono
176. Node 0x14 [Pin Complex] wcaps 0x40018d: Stereo Amp-Out
177. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
178. Amp-Out vals: [0x80 0x80]
179. Pincap 0x081003c: IN OUT HP EAPD Detect
```

```
180. EAPD 0x0:
181. Pin Default 0x99130110: [Fixed] Speaker at Int ATAPI
182. Conn = ATAPI, Color = Unknown
183. DefAssociation = 0x1, Sequence = 0x0
184. Misc = NO_PRESENCE
185. Pin-ctls: 0x20: IN
186. Unsolicited: tag=00, enabled=0
187. Connection: 1
188. 0x0c
189. Node 0x15 [Pin Complex] wcaps 0x40018d: Stereo Amp-Out
190. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
191. Amp-Out vals: [0x00 0x00]
192. Pincap 0x0810034: IN OUT EAPD Detect
193. EAPD 0x0:
194. Pin Default 0x01014020: [Jack] Line Out at Ext Rear
195. Conn = 1/8, Color = Green
196. DefAssociation = 0x2, Sequence = 0x0
197. Pin-ctls: 0xc0: OUT HP
198. Unsolicited: tag=04, enabled=1
199. Connection: 1
200. 0x0d
201. Node 0x16 [Pin Complex] wcaps 0x40018d: Stereo Amp-Out
202. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
203. Amp-Out vals: [0x80 0x80]
204. Pincap 0x0834: IN OUT Detect
205. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
206. Conn = 1/8, Color = Black
207. DefAssociation = 0xf, Sequence = 0x0
208. Misc = NO_PRESENCE
209. Pin-ctls: 0x20: IN
210. Unsolicited: tag=00, enabled=0
211. Connection: 1
212. 0x0e
213. Node 0x17 [Pin Complex] wcaps 0x40018d: Stereo Amp-Out
214. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
215. Amp-Out vals: [0x80 0x80]
216. Pincap 0x0834: IN OUT Detect
217. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
218. Conn = 1/8, Color = Black
219. DefAssociation = 0xf, Sequence = 0x0
220. Misc = NO_PRESENCE
221. Pin-ctls: 0x20: IN
222. Unsolicited: tag=00, enabled=0
223. Connection: 1
224. 0x0f
225. Node 0x18 [Pin Complex] wcaps 0x40018f: Stereo Amp-In Amp-Out
226. Amp-In caps: ofs=0x00, nsteps=0x03, stepsize=0x27, mute=0
227. Amp-In vals: [0x00 0x00]
228. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
229. Amp-Out vals: [0x80 0x80]
230. Pincap 0x081734: IN OUT Detect
231. Vref caps: HIZ 50 GRD 80
232. Pin Default 0x01a19830: [Jack] Mic at Ext Rear
233. Conn = 1/8, Color = Pink
234. DefAssociation = 0x3, Sequence = 0x0
235. Pin-ctls: 0x24: IN VREF_80
236. Unsolicited: tag=00, enabled=0
237. Connection: 1
238. 0x0e
239. Node 0x19 [Pin Complex] wcaps 0x40018f: Stereo Amp-In Amp-Out
240. Amp-In caps: ofs=0x00, nsteps=0x03, stepsize=0x27, mute=0
241. Amp-In vals: [0x00 0x00]
242. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
243. Amp-Out vals: [0x80 0x80]
244. Pincap 0x08173c: IN OUT HP Detect
245. Vref caps: HIZ 50 GRD 80
246. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
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247. Conn = 1/8, Color = Black
248. DefAssociation = 0xf, Sequence = 0x0
249. Misc = NO_PRESENCE
250. Pin-ctls: 0x20: IN VREF_HIZ
251. Unsolicited: tag=00, enabled=0
252. Connection: 2
253. 0x0c* 0x0f
254. Node 0x1a [Pin Complex] wcaps 0x40018d: Stereo Amp-Out
255. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
256. Amp-Out vals: [0x80 0x80]
257. Pincap 0x0834: IN OUT Detect
258. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
259. Conn = 1/8, Color = Black
260. DefAssociation = 0xf, Sequence = 0x0
261. Misc = NO_PRESENCE
262. Pin-ctls: 0x20: IN
263. Unsolicited: tag=00, enabled=0
264. Connection: 1
265. 0x0d
266. Node 0x1b [Pin Complex] wcaps 0x40018f: Stereo Amp-In Amp-Out
267. Amp-In caps: ofs=0x00, nsteps=0x03, stepsize=0x27, mute=0
268. Amp-In vals: [0x00 0x00]
269. Amp-Out caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
270. Amp-Out vals: [0x80 0x80]
271. Pincap 0x08173c: IN OUT HP Detect
272. Vref caps: HIZ 50 GRD 80
273. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
274. Conn = 1/8, Color = Black
275. DefAssociation = 0xf, Sequence = 0x0
276. Misc = NO_PRESENCE
277. Pin-ctls: 0x20: IN VREF_HIZ
278. Unsolicited: tag=00, enabled=0
279. Connection: 2
280. 0x0c* 0x0f
281. Node 0x1c [Pin Complex] wcaps 0x400001: Stereo
282. Pincap 0x0820: IN
283. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
284. Conn = 1/8, Color = Black
285. DefAssociation = 0xf, Sequence = 0x0
286. Misc = NO_PRESENCE
287. Pin-ctls: 0x20: IN
288. Node 0x1d [Pin Complex] wcaps 0x400000: Mono
289. Pincap 0x0820: IN
290. Pin Default 0x4014820d: [N/A] Speaker at Ext N/A
291. Conn = RCA, Color = Purple
292. DefAssociation = 0x0, Sequence = 0xd
293. Pin-ctls: 0x20: IN
294. Node 0x1e [Pin Complex] wcaps 0x400300: Mono Digital
295. Pincap 0x0810: OUT
296. Pin Default 0x411111f0: [N/A] Speaker at Ext Rear
297. Conn = 1/8, Color = Black
298. DefAssociation = 0xf, Sequence = 0x0
299. Misc = NO_PRESENCE
300. Pin-ctls: 0x40: OUT
301. Connection: 1
302. 0x06
303. Node 0x1f [Vendor Defined Widget] wcaps 0xf00000: Mono
304. Node 0x20 [Vendor Defined Widget] wcaps 0xf00040: Mono
305. Processing caps: benign=0, ncoeff=17
306. Node 0x21 [Vendor Defined Widget] wcaps 0xf00000: Mono
307. Node 0x22 [Audio Mixer] wcaps 0x20010b: Stereo Amp-In
308. Amp-In caps: ofs=0x00, nsteps=0x00, stepsize=0x00, mute=1
309. Amp-In vals: [0x00 0x00] [0x00 0x00] [0x00 0x00] [0x80 0x80] [0x00 0x00] [0x80 0x80]
[0x80 0x80] [0x80 0x80] [0x80 0x80] [0x80 0x80] [0x80 0x80]
310. Connection: 11
311. 0x18 0x19 0x1a 0x1b 0x1c 0x1d 0x14 0x15 0x16 0x17 0x0b
312. Node 0x23 [Vendor Defined Widget] wcaps 0xf00000: Mono

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313. Node 0x24 [Vendor Defined Widget] wcaps 0xf00000: Mono
314. Node 0x25 [Vendor Defined Widget] wcaps 0xf00000: Mono
315. Node 0x26 [Vendor Defined Widget] wcaps 0xf00000: Mono
316. Codec: Generic 11c1 ID 1040
317. Address: 1
318. Vendor Id: 0x11c11040
319. Subsystem Id: 0x152d1701
320. Revision Id: 0x100200
321. Modem Function Group: 0x1
322. (end collapsed section)
322.
323.
324. ALSA Device nodes
325. -----
326.
327. crw-rw----  1 root root  116, 8 2008-06-18 16:12 /dev/snd/controlC0
328. crw-rw----  1 root root  116, 7 2008-06-18 16:12 /dev/snd/hwC0D0
329. crw-rw----  1 root root  116, 6 2008-06-18 16:12 /dev/snd/hwC0D1
330. crw-rw----  1 root root  116, 5 2008-06-18 16:13 /dev/snd/pcmC0D0c
331. crw-rw----  1 root root  116, 4 2008-06-18 18:34 /dev/snd/pcmC0D0p
332. crw-rw----  1 root root  116, 3 2008-06-18 16:12 /dev/snd/seq
333. crw-rw----  1 root root  116, 2 2008-06-18 16:12 /dev/snd/timer
334.
335.
336. Aplay/Arecord output
337. -----
338.
339. APLAY
340.
341. **** List of PLAYBACK Hardware Devices ****
342. card 0: SB [HDA ATI SB], device 0: ALC861VD Analog [ALC861VD Analog]
343. Subdevices: 1/1
344. Subdevice #0: subdevice #0
345.
346. ARECORD
347.
348. **** List of CAPTURE Hardware Devices ****
349. card 0: SB [HDA ATI SB], device 0: ALC861VD Analog [ALC861VD Analog]
350. Subdevices: 1/1
351. Subdevice #0: subdevice #0
352.
353. Amixer output
354. -----
355.
356. -----Mixer controls for card 0 [SB]
357.
358. Simple mixer control 'Master',0
359. Capabilities: pvolume pvolume-joined pswitch pswitch-joined
360. Playback channels: Mono
361. Limits: Playback 0 - 64
362. Mono: Playback 64 [100%] [0.00dB] [on]
363. Simple mixer control 'PCM',0
364. Capabilities: pvolume
365. Playback channels: Front Left - Front Right
366. Limits: Playback 0 - 255
367. Mono:
368. Front Left: Playback 255 [100%] [0.00dB]
369. Front Right: Playback 255 [100%] [0.00dB]
370. Simple mixer control 'Front',0
371. Capabilities: pvolume pswitch
372. Playback channels: Front Left - Front Right
373. Limits: Playback 0 - 64
374. Mono:
375. Front Left: Playback 64 [100%] [0.00dB] [on]
376. Front Right: Playback 64 [100%] [0.00dB] [on]
377. Simple mixer control 'Mic',0
378. Capabilities: pvolume pswitch

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379. Playback channels: Front Left - Front Right
380. Limits: Playback 0 - 31
381. Mono:
382. Front Left: Playback 0 [0%] [-34.50dB] [on]
383. Front Right: Playback 0 [0%] [-34.50dB] [on]
384. Simple mixer control 'Mic Boost',0
385. Capabilities: volume
386. Playback channels: Front Left - Front Right
387. Capture channels: Front Left - Front Right
388. Limits: 0 - 3
389. Front Left: 0 [0%]
390. Front Right: 0 [0%]
391. Simple mixer control 'Capture',0
392. Capabilities: cvolume cswitch
393. Capture channels: Front Left - Front Right
394. Limits: Capture 0 - 31
395. Front Left: Capture 0 [0%] [-13.50dB] [on]
396. Front Right: Capture 0 [0%] [-13.50dB] [on]
397. Simple mixer control 'Input Source',0
398. Capabilities: cenum
399. Items: 'Mic'
400. Item0: 'Mic'
401. Simple mixer control 'Speaker',0
402. Capabilities: pvolume pswitch
403. Playback channels: Front Left - Front Right
404. Limits: Playback 0 - 64
405. Mono:
406. Front Left: Playback 64 [100%] [0.00dB] [on]
407. Front Right: Playback 64 [100%] [0.00dB] [on]
408.
409.
410. Alsactl output
411. -----
412.
413. \(click to collapse section\)
413. state.SB {
414.     control.1 {
415.         comment.access 'read write'
416.         comment.type INTEGER
417.         comment.count 2
418.         comment.range '0 - 64'
419.         comment.dbmin -6400
420.         comment.dbmax 0
421.         iface MIXER
422.         name 'Front Playback Volume'
423.         value.0 64
424.         value.1 64
425.     }
426.     control.2 {
427.         comment.access 'read write'
428.         comment.type BOOLEAN
429.         comment.count 2
430.         iface MIXER
431.         name 'Front Playback Switch'
432.         value.0 true
433.         value.1 true
434.     }
435.     control.3 {
436.         comment.access 'read write'
437.         comment.type INTEGER
438.         comment.count 2
439.         comment.range '0 - 64'
440.         comment.dbmin -6400
441.         comment.dbmax 0
442.         iface MIXER
443.         name 'Speaker Playback Volume'
444.         value.0 64

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```
445.         value.1 64
446.     }
447.     control.4 {
448.         comment.access 'read write'
449.         comment.type BOOLEAN
450.         comment.count 2
451.         iface MIXER
452.         name 'Speaker Playback Switch'
453.         value.0 true
454.         value.1 true
455.     }
456.     control.5 {
457.         comment.access 'read write'
458.         comment.type INTEGER
459.         comment.count 2
460.         comment.range '0 - 31'
461.         comment.dbmin -3450
462.         comment.dbmax 1200
463.         iface MIXER
464.         name 'Mic Playback Volume'
465.         value.0 0
466.         value.1 0
467.     }
468.     control.6 {
469.         comment.access 'read write'
470.         comment.type BOOLEAN
471.         comment.count 2
472.         iface MIXER
473.         name 'Mic Playback Switch'
474.         value.0 true
475.         value.1 true
476.     }
477.     control.7 {
478.         comment.access 'read write'
479.         comment.type INTEGER
480.         comment.count 2
481.         comment.range '0 - 3'
482.         comment.dbmin 0
483.         comment.dbmax 3000
484.         iface MIXER
485.         name 'Mic Boost'
486.         value.0 0
487.         value.1 0
488.     }
489.     control.8 {
490.         comment.access 'read write'
491.         comment.type INTEGER
492.         comment.count 2
493.         comment.range '0 - 31'
494.         comment.dbmin -1350
495.         comment.dbmax 3300
496.         iface MIXER
497.         name 'Capture Volume'
498.         value.0 0
499.         value.1 0
500.     }
501.     control.9 {
502.         comment.access 'read write'
503.         comment.type BOOLEAN
504.         comment.count 2
505.         iface MIXER
506.         name 'Capture Switch'
507.         value.0 true
508.         value.1 true
509.     }
510.     control.10 {
511.         comment.access 'read write'
```



```
512.         comment.type ENUMERATED
513.         comment.count 1
514.         comment.item.0 Mic
515.         iface MIXER
516.         name 'Input Source'
517.         value Mic
518.     }
519.     control.11 {
520.         comment.access 'read write'
521.         comment.type INTEGER
522.         comment.count 1
523.         comment.range '0 - 64'
524.         comment.dbmin -6400
525.         comment.dbmax 0
526.         iface MIXER
527.         name 'Master Playback Volume'
528.         value 64
529.     }
530.     control.12 {
531.         comment.access 'read write'
532.         comment.type BOOLEAN
533.         comment.count 1
534.         iface MIXER
535.         name 'Master Playback Switch'
536.         value true
537.     }
538.     control.13 {
539.         comment.access 'read write user'
540.         comment.type INTEGER
541.         comment.count 2
542.         comment.range '0 - 255'
543.         comment.tlv '0000000100000008fffffec1400000014'
544.         comment.dbmin -5100
545.         comment.dbmax 0
546.         iface MIXER
547.         name 'PCM Playback Volume'
548.         value.0 255
549.         value.1 255
550.     }
551. }
552. (end collapsed section)
552.
553.
554. All Loaded Modules
555. -----
556.
557. Module
558. arc4
559. ecb
560. crypto_blkcipher
561. ieee80211_crypt_wep
562. bridge
563. bnep
564. rfcomm
565. l2cap
566. bluetooth
567. fuse
568. sunrpc
569. ipt_REJECT
570. nf_contrack_ipv4
571. iptable_filter
572. ip_tables
573. ip6t_REJECT
574. xt_tcpudp
575. nf_contrack_ipv6
576. xt_state
577. nf_contrack
```

```
578. ip6table_filter
579. ip6_tables
580. x_tables
581. loop
582. dm_multipath
583. ipv6
584. sr_mod
585. cdrom
586. video
587. output
588. 8139cp
589. ipw2200
590. ieee80211
591. 8139too
592. ieee80211_crypt
593. mii
594. snd_hda_intel
595. battery
596. snd_seq_dummy
597. ac
598. button
599. snd_seq_oss
600. snd_seq_midi_event
601. pcspkr
602. snd_seq
603. joydev
604. snd_seq_device
605. snd_pcm_oss
606. snd_mixer_oss
607. pata_atiixp
608. i2c_piix4
609. snd_pcm
610. sg
611. snd_timer
612. i2c_core
613. snd_page_alloc
614. snd_hwdep
615. snd
616. soundcore
617. dm_snapshot
618. dm_zero
619. dm_mirror
620. dm_mod
621. sata_sil
622. ata_generic
623. pata_acpi
624. libata
625. sd_mod
626. scsi_mod
627. ext3
628. jbd
629. mbcache
630. uhci_hcd
631. ohci_hcd
632. ehci_hcd
```

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```

!!#####
!!ALSA Information Script v 0.4.48
!!#####

!!Script ran on: Wed Jun 18 18:34:05 AST 2008

!!Linux Distribution
!!-----

Fedora release 9 (Sulphur) Fedora release 9 (Sulphur) Fedora release 9 (Sulphur) Fedora release 9 (Sulphur)

!!Kernel Information
!!-----

Kernel release: 2.6.25.6-55.fc9.i686
Operating System: GNU/Linux
Architecture: i686
Processor: i686

```

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