

Re: [SLE] Re: ACPI problems

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2003-09/1125.html>

From: Rob Tow (suse_at_tauzero.com)

Date: 09/10/03

To: suse-linux-e@suse.com

Date: Wed, 10 Sep 2003 11:25:49 -0700

On Wednesday 10 September 2003 07:45, Damian O'Hara wrote:

> *Norman,*
>
> *It may indeed be that simple or even simpler. On my Compaq/HP laptop I*
> *have the acpid package installed but not (as far as I know) in use.*
> *Instead I blindly followed my colleague Will Helton's advice ...*
>
> *Go in and edit /etc/init.d/boot.local with the following two lines:*
>
> *modprobe ac*
> *modprobe battery*
>
> *Save and close then reboot machine. Works for me.*

I have a Toshiba Satellite 1135-S155. ACPI is partially functional on it, after following all the detailed directions as per earlier in this thread (I did this two months ago when I bought the laptop, and have been hoping for updated directions/functionality).

The above modprobes are there. The runlevel editor is set up.

What I get is a battery indicator that DOES show charge/nocharge. The graphical indicator declines when not plugged in, and beeps happen as a warning for imminent shutdown.

BUT the battery indicator ALWAYS shows zero minutes left no matter if charging or not charging. And when I unplug the charger, the graphical indicator correctly changes state to show unplugged, and it shows "draining" graphically.

Looking at the battery info I see:

```
linux:/proc/acpi/battery/BAT1 # more state
present: yes
capacity state: ok
charging state: discharging
present rate: 0 mA
```

remaining capacity: 3760 mAh
present voltage: 14800 mV

And the present rate seems clearly bogus.

The battery seems to be correctly id'ed:

```
linux:/proc/acpi/battery/BAT1 # more info
present: yes
design capacity: 4000 mAh
last full capacity: 4000 mAh
battery technology: rechargeable
design voltage: 14800 mV
design capacity warning: 420 mAh
design capacity low: 156 mAh
capacity granularity 1: 264 mAh
capacity granularity 2: 3780 mAh
model number: PA3251U
serial number: 3658Q
battery type: Li-Ion
OEM info: TOSHIBA
```

The contents of "alarm" is "unsupported".

Any clues?

```
>
> Damian
>
>> Oh dear! I was beginning to think it was something as complicated as
>> that.
>> AFter a bit of searching, it is found and installed.
>>
>> I don't have time to play with it now but will try in the next few
>> days, .... and let you know.
>>
>> N
```

```
--
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*
```

```
*ronin in the glade
*swift katas slice the still air
*...his own opponent
--
```

```
Check the headers for your unsubscription address
For additional commands send e-mail to suse-linux-e-help@suse.com
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