

Unable to get APM working -- help!

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2004-12/0349.html>

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Date: 12/25/04

Date: Sat, 25 Dec 2004 12:50:39 -0600 (CST)

To: freebsd-hackers@freebsd.org

Hi list,

I simply can't get APM to work on this laptop.

It is a travelmate 4002WLMi (P-M 1.6) on which I've just installed FreeBSD 5.3-RELEASE, and built a custom kernel with apm, apm_saver and acpi (also tried with only apm, apm+apm_saver, and now apm+apm_saver+acpi)

I had set the hints to disable ACPI and enable APM on /boot/device.hints (don't know the exact names now and I've just shut the laptop down) - This resulted in no /dev/apm and /dev/apmctl entries being created..

I tried changing the order of the statements (enable APM first then disable ACPI).. to no avail

I also tried enabling both, which obviously didn't work quite well :-)

```
apm_enable="YES" and apmd_enable="YES" on /etc/rc.conf
apm_load="YES" on /boot/loader.conf
```

Still, /dev/apm*'s never show up. Except if I actually disable APM and enable ACPI instead, /dev/apm will show.. but no /dev/apmctl.

I'm new to the laptop world and I really would like to enable power saving features on this laptop.. I managed to get est/estctrl running, and it was changing my CPU from 600 to 1600 ghz according to the load, but when I disabled APM and enabled ACPI this ceases to work and the CPU will always run at 1600ghz. Also, acpiconf -i0 says device not configured..

As far as I was able to see, most battery monitoring stuff (integrated on KDE and all) will depend on APM.. So I'd really like to enable it!

Am I missing some step to get APM working? Or does this laptop just plain and simply doesn't support it ?
Please enlighten me.

Best regards,

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Hugo

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