Trouble with NUT / UPS port recognition / port name.

by **janolabs** » Tue Dec 08, 2009 3:38 pm

Okey, listen to my story: I've a UPS that connects **via serial port.** This is important, not the brand name. As I boot the PC, the System log (Diagnostics / Log) says the following:

Code: Select all
```
kernel: [b]sio0:[/b] <16550A-compatible COM port> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0
kernel: sio0: type 16550A
kernel: sio0: [FILTER]
```

You can also use **dmesg** to look for the port.

So, I've tried to enter **"sio0"** in the Services / UPS's Port box. Later I found out, that the proper way is **"/dev/sio0"**. Yes, it's a mistake, that no example is on the page. I've added this as a Feature Request. It didn't work with any of the drivers. I've checked the /dev directory with QuiXplorer (Advanced/File Manager), and **didn't find sio0** or even any sioX. I didn't also find acpi0 just a regular acpi. Tried /dev/acpi as port, no success.

So, I've started to browse around the *Network UPS Tools* homepage, where I found a FreeBSD installation procedure (http://people.freebsd.org/~thierry/nut_FreeBSD_HowTo.txt) on the Documentation page (http://www.networkupstools.org/documentation.html). I've found the following in section 3/a:

Code: Select all
```
device_port must be replaced by the right value.
    - For mge-utalk and mge-shut: the name of the serial port (ie /dev/cuad0, /dev/cuad1, ...)
    - For snmp-ups: the name of the SNMP Agent host
    - For newhidups: "auto" or whatever value as newhidups automagically probe for USB UPS.
```

So I've tried **"/dev/cuad0"** which was actually displayed by QuiXplorer. **And it worked instantly.**

Guys, having problem with /dev/sio0, try /dev/cuad0 instead, if you're connecting with serial cable.

Re: Trouble with Belkin UPS recognition - 0.7RC2, i386-embed(P4)

by **millermmail** » Tue Dec 08, 2009 4:09 pm

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>
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> **Guys, having problem with /dev/sio0, try /dev/cuad0 instead, if you're connecting with serial cable.**

Did you try the entry "auto"? I was having all sorts of issues with my APC that uses a USB cable, then I tried auto and it worked.

Just my $0.02...yes, it should be easier -- maybe a drop-down list of valid choices (or just provide more examples) but it could be worse too.