

Re: New old iPAQ question(s)

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-02/msg01874.html>

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Gene Heskett wrote:

Greetings everybody;

I bought an iPAQ 3850 for the missus to keep track of her bowling scores etc, and I'm having a hell of a time trying to talk to it.

Fedora Core 6, up2date. Kernel 2.6.20, modules for ppp and ipaq built and installed & modprobed.

A couple of pl2303 cables are in use here, and the one hooked to the iPAQ's serial cable is /dev/ttyUSB0, at least for this reboot, who knows where it will be on the next one? :-)

It is not hard to create a udev rule that will always create a symlink named something like /dev/wince every time you plug in the pl2303, regardless of the order you plug in the device. If you always use the same cable, you can add the serial number to the rule, so that only the specific cable gets the symlink...

Following the directions at

<<http://synce.sourceforge.net/synce/kde/synce-kde-basic-configuration.php>>

I have some diffs in the log messages, some I think caused by there being two of these pl2303 cables in use here.

I have succeeded in getting the iPAQ to chime at me and claim it is connected, but it times out in about a minute and disconnects.

One thing to be careful of is that you need real status lines in order for the sync to work correctly. Not all USB to serial adapters support this. If the iPAQ says it is connected as before the adapter is plugged in, or as soon as the adapter is plugged in, even if the sync software is not running, then your adapter does not support the status lines, so syncing gets to be interesting. You may be able to

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get the device to sync, but it becomes a matter of luck and timing, instead of being controlled by the status lines.

I can't seem to find a copy of "vdccm", but do have "dccm", which must be run as a user, not root. And when its run, its totally mute, not displaying the hex dump shown on the above page. I assume thats a major problem, how is that to be fixed?

Where can I find a copy of this 'vdccm' thing? And whats the difference between it and dccm?

The vdccm and the dccm programs do basically the same thing. Dccm comes from the synce package, and vdccm comes from the synce-kde package. The big difference is that vdccm allows more then one device to connect at the same time. You need to follow the synce and not the synce-kde instructions if you are using dccm.

<http://www.synce.org/index.php/SynCE-Wiki>

So I thought I might have enough to talk to it installed, but when I get to that part of the above tutorial where it demos the connection using konqeror via the 'rapip:' protocol, then both konqi and FF report that they have no knowledge of the rapip protocol.

Does anyone have a clue where I might have made a wrong turn other than to confirm that I was out of my mind when I bought this thing?

You ether need to get the synce-kde package, or use the synce instructions. The packages are the same. There is enough difference to cause you problems. Also, the way you troubleshoot the two packages is somewhat different. The other thing to be aware of is that the synce-kde instructions are geared more to a device that plugs into the USB bus directly, and not one that user a USB to serial adapter. If you have a standard serial port, you may want to use that instead of the USB to serial adapter. If you have a USB synce cable for the iPAQ, that should work as well, and create what looks to the system as a USB serial port.

One other point – after you have established a "trust relationship" between the iPAQ and your Linux box, you can use a network connection to sync as well. I have an old Itronics T5200 that I have used this way. I used to synce it to my Mandriva desktop. Now that I have converted the desktop to FC6, I have to set this up again...

Mikkel

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Do not meddle in the affairs of dragons,
for thou art crunchy and taste good with Ketchup!

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