

2.4 kernel pci hot-swap fails on Acer TM C100

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-01/3384.html>

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hi, thought someone might like to take a look some time at the pci hot-plug code to cope for "instantaneous" hotplugging.

the acer c100 travelmate has built-in ethernet _and_ wireless, with a button on the keyboard that hot-swaps the PCI bus between the two devices.

the first device is an rtl8139, the second device is a 3.3v texas instruments PCMCIA chip with an orinoco hermes 802.11b wireless behind that.

whilst the PCI devices change, pretty much instantly when the button is pressed, the IRQ doesn't.

thought someone might like to know, because hot-swapping between the rtl8139 and the hermes devices definitely doesn't work: the kernel must be started with one or the other.

swapping back doesn't work either [pressing the button twice]: if swapping from rtl8139 to hermes and back you get ethernet timeout messages.

l.

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expecting email to be received and understood is a bit like picking up the telephone and immediately dialing without checking for a dial-tone; speaking immediately without listening for either an answer or ring-tone; hanging up immediately and then expecting someone to call you (and to be able to call you).

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