

Re: USB and scsi problem

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.misc/2005-04/0573.html>

From: John F (john_at_PleaseSeeSigForAddress.invalid.com)

Date: 04/08/05

Date: Fri, 8 Apr 2005 02:34:49 +0000 (UTC)

Robert Heller <heller@deepsoft.com> wrote:

: John F <john@PleaseSeeSigForAddress.invalid.com>,

: In a message on Wed, 6 Apr 2005 15:24:06 +0000 (UTC), wrote :

:

: JF> I'm running Slackware 9.0, and can successfully read files
: JF> off a Fuji finepix camera and read/write to a usb external disk.
: JF> They each appear as /dev/sda1 (or /dev/sda1...n for the disk)
: JF> when plugged in separately (and I haven't yet tried mounting
: JF> them simultaneously).

:

: The first one plugged in will be /dev/sda1...n and the second one
: plugged in will be /dev/sdb1...n — see below.

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: JF> The problem occurs when I plug in an actual pci scsi card
: JF> (with or without an attached disk) and modprobe the driver for it.
: JF> Then I'd expect the usb device to appear as /dev/sdb1...n,
: JF> but it just doesn't show up at all.

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: Are you sure? Can you dump out what shows up in /var/log/messages when
: you attach the camera (jack in the USB cable, both with and without the
: SCSI card and/or SCSI disk? It won't show up as /dev/sdb1...n, unless
: you have an actual SCSI drive. If the pci SCSI card **does not** have a
: disk attached to it (including a zip or orb drive), than the camera
: will still show up as /dev/sda1...n. If you have two disks on the SCSI
: controller, the camera will still show up as /dev/sdc1...n. Note: if
: you have a SATA disk and you are using the SATA controller (eg
: ata_piix), it too will show up as a SCSI disk. SCSI device names (/dev/sda,
: /dev/sdb, ...) are awarded on a first come, first served basis.

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: JF> From the USB-Digital-Camera-HOWTO, I expected it to show
: JF> up as /dev/sdb, though the author also says he assumes you
: JF> don't have an actual scsi card. Googling linux usb scsi gives
: JF> me 800,000 hits, and I'm sure the answer's there somewhere, but
: JF> couldn't narrow down the search enough to find it.

: JF> Thanks for any help or pointers,

: JF> --

: JF@ John Forkosh ([mailto: j@f.com](mailto:j@f.com) where j=john and f=forkosh)

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comp.os.linux.misc: Re: USB and scsi problem

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Thanks for followup, Robert, and sorry for delay replying, but I had to arrange to remove scsi card, etc, in order to reproduce the original configuration.

In reply to your question, "Are you sure?", the answer is, "Apparently not." I carefully collected all messages in /var/log/messages (since the latest restart), like you requested, along with dmesg output and various related /proc information. But this time everything worked exactly like you said it's supposed to, both with the scsi card installed and without it. So all the output looks just fine.

Something must have been badly configured when it wasn't working, but I can't seem to locate any relevant lines in the messages file.

Thanks again for your help, and sorry about the apparent waste of time.

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John Forkosh (mailto: j@f.com where j=john and f=forkosh)