

[BK PATCH] USB patches for 2.6.0

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-12/6062.html>

From: Greg KH (greg_at_kroah.com)

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Date: Mon, 29 Dec 2003 14:34:22 -0800

To: torvalds@osdl.org, akpm@osdl.org

Hi,

Here are some USB patches for 2.6.0. There are a number of different fixes and a few new drivers added. Some of the highlights are:

- lots of usb-storage fixes
- lots of usb-storage unusual-devs updates
- added new w9968cf driver
- added new lego tower driver
- core tweaks for non-compliant USB devices.
- lots of other little fixes

Please pull from: <bk://linuxusb.bkbits.net/usb-devel-2.6>

Patches will be posted to linux-usb-devel as a follow-up thread for those who want to see them.

thanks,

greg k-h

CREDITS | 9

Documentation/usb/w9968cf.txt | 463 +++

drivers/usb/class/audio.h | 6

drivers/usb/class/cdc-acm.c | 42

drivers/usb/class/usblp.c | 18

drivers/usb/class/usb-midi.h | 6

drivers/usb/core/hcd.c | 8

drivers/usb/core/hub.c | 62

drivers/usb/core/hub.h | 2

drivers/usb/core/message.c | 7

drivers/usb/core/usb.c | 101

drivers/usb/gadget/ether.c | 21

drivers/usb/gadget/zero.c | 102

drivers/usb/host/ohci-dbg.c | 43

drivers/usb/host/ohci.h | 10

drivers/usb/host/ohci-hcd.c | 8

drivers/usb/host/ohci-q.c | 32

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drivers/usb/image/scanner.c | 4
drivers/usb/image/scanner.h | 17
drivers/usb/input/hid-core.c | 4
drivers/usb/input/hiddev.c | 1
drivers/usb/Makefile | 2
drivers/usb/media/Kconfig | 42
drivers/usb/media/Makefile | 1
drivers/usb/media/pwc-ctrl.c | 173 +
drivers/usb/media/pwc.h | 22
drivers/usb/media/pwc-if.c | 75
drivers/usb/media/pwc-ioctl.h | 44
drivers/usb/media/pwc-misc.c | 31
drivers/usb/media/w9968cf.c | 3712 ++++++
drivers/usb/media/w9968cf_decoder.h | 86
drivers/usb/media/w9968cf_externaldef.h | 95
drivers/usb/media/w9968cf.h | 312 ++
drivers/usb/misc/Kconfig | 14
drivers/usb/misc/legousbtower.c | 1224 ++++++--
drivers/usb/misc/Makefile | 1
drivers/usb/net/Kconfig | 15
drivers/usb/net/pegasus.h | 5
drivers/usb/net/usbnet.c | 78
drivers/usb/serial/cyberjack.c | 25
drivers/usb/serial/ftdi_sio.c | 12
drivers/usb/serial/ftdi_sio.h | 8
drivers/usb/serial/io_edgeport.c | 12
drivers/usb/serial/io_fw_boot2.h | 2
drivers/usb/serial/io_fw_boot.h | 2
drivers/usb/serial/io_fw_down2.h | 2
drivers/usb/serial/io_fw_down.h | 2
drivers/usb/serial/mct_u232.c | 37
drivers/usb/serial/mct_u232.h | 101
drivers/usb/serial/pl2303.c | 44
drivers/usb/serial/pl2303.h | 1
drivers/usb/serial/visor.c | 3
drivers/usb/serial/visor.h | 1
drivers/usb/storage/datafab.c | 136 -
drivers/usb/storage/debug.c | 59
drivers/usb/storage/debug.h | 1
drivers/usb/storage/isd200.c | 76
drivers/usb/storage/jumpshot.c | 123 -
drivers/usb/storage/Makefile | 10
drivers/usb/storage/protocol.c | 172 +
drivers/usb/storage/protocol.h | 10
drivers/usb/storage/raw_bulk.c | 116 -
drivers/usb/storage/raw_bulk.c | 2
drivers/usb/storage/raw_bulk.h | 20
drivers/usb/storage/scsiglue.c | 3
drivers/usb/storage/sddr09.c | 395 +--
drivers/usb/storage/sddr55.c | 98
drivers/usb/storage/shuttle_usbat.c | 42

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drivers/usb/storage/transport.c | 37
drivers/usb/storage/unusual_devs.h | 91
drivers/usb/storage/usb.c | 41
include/linux/i2c-id.h | 1
include/linux/usb_ch9.h | 42
include/linux/usb_gadget.h | 29
include/linux/usb.h | 5
include/linux/videodev.h | 1
MAINTAINERS | 28
sound/usb/usbaudio.h | 6
78 files changed, 7491 insertions(+), 1203 deletions(-)

- <alexander.all-2.com>:
o USB storage: patch for unusual_devs.h
- <berentsen.sent5.uni-duisburg.de>:
o USB storage: Minolta Dimage S414 usb patch
- <dancy.dancysoft.com>:
o USB: add TIOCMIWAIT support to pl2303 driver
- <fello.libero.it>:
o USB storage: patch for Fujifilm EX-20
- <luca.libero.it>:
o USB: add W996[87]CF driver
- <marr.flex.com>:
o Status Query On My MCT-U232 Patch
- <mbp.samba.org>:
o USB storage: add unusual storage device entry for Minolta DiMAGE
- <per.winkvist.uk.com>:
o USB storage: Make Pentax Optio S4 work
- <petkan.nucleusys.com>:
o USB: pegasus driver update
- <stephane.galles.free.fr>:
o USB storage: patch for Kyocera S5 camera
- <tchen.on-go.com>:
o USB: fix bug when errors happen in ioedgeport driver
o USB: fix io_edgeport driver alignment issues
- <_nessuno_katamail.com>:
o USB storage: Medion 6047 Digital Camera

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Adam Kropelin:

- o USB: Stop hiddev generating empty events

Alan Stern:

- o USB: Allow configuration #0
- o USB storage: Unusual_devs.h addition
- o USB storage: Another unusual_devs.h update
- o USB storage: unusual_devs.h entry revision
- o USB storage: Add comments explaining new s-g usage
- o USB storage: Remove unneeded raw_bulk.[ch] files, change Makefile
- o USB storage: Convert sddr55 to use the new s-g routines
- o USB storage: Update scatter-gather handling in the shuttle-usbat
- o USB storage: Update scatter-gather handling in the isd200 driver
- o USB storage: Another utility scatter-gather routine
- o USB storage: Convert jumpshot to use the new s-g routines
- o USB storage: Convert datafab to use the new s-g routines
- o USB storage: Change sddr09 to use the new s-g access routine
- o USB storage: Fix scatter-gather buffer access in usb-storage core
- o USB storage: Remove dead code from debug.c
- o USB storage: Enhance sddr09 to work with 64 MB SmartMedia cards
- o USB storage: Remove unneeded scatter-gather operations in sddr09
- o USB: Fix khubd synchronization
- o USB: khubd optimization
- o USB storage: Fix logic error in raw_bulk.c:us_copy_to_sgbuf()
- o USB storage: Issue CBI clear_halt and fix BBB residue
- o USB storage: Command failure codes for sddr09 driver

Arnaud Quette:

- o USB: disable hiddev support for MGE UPS

David Brownell:

- o USB: let USB_{PEGASUS,USBNET} depend on NET_ETHERNET
- o USB: ethernet gadget supports goku_udc
- o USB: gadget zero updates
- o USB: <linux/usb_gadget.h> doc updates
- o USB: <linux/usb_ch9.h> new descriptor codes, types
- o USB: usb driver binding fixes
- o USB: usb_hcd_unlink_urb() test for list membership
- o USB: ohci, fix iso "bad entry" bug + misc
- o USB: change cdc-acm to do RX URB processing in a tasklet
- o USB: usbc core, better heuristic for choosing configs

David Glance:

- o USB: Add Lego USB Infrared Tower driver

David T. Hollis:

- o USB: Mark AX8817x usbnet driver as non-experimental
- o USB: ax8817x additional ethtool support in usbnet

Greg Kroah-Hartman:

- o USB: add support for Sony UX50 device to visor driver

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- o USB: add support for another pl2303 device
- o USB storage: remove the raw_bulk.c and raw_bulk.h files as they are no longer needed
- o USB: fix up compiler warning in usblp driver caused by previous patches
- o USB: add support for Protego devices to ftdi_sio driver
- o USB: 64bit fixups for legousbtower driver
- o USB: give legotower driver a real USB minor, and remove unneeded ioctl function
- o USB: fix up formatting problems in the legotower driver

Henning Meier-Geinitz:

- o USB scanner driver: new device ids

Herbert Xu:

- o USB Storage: freecom dvd-rw fx-50 usb-ide patch

Matthew Dharm:

- o USB: don't send any MODE SENSE commands to usb mass storage devices

Nemosoft Unv.:

- o USB: PWC 8.12 driver update

Oliver Neukum:

- o USB: sleeping problems in cyberjack driver
- o USB: further cleanup in usblp
- o USB: fix error return codes in usblp

Pete Zaitcev:

- o USB: fix comment in usblp

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