

Linux 2.6.4-rc1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-02/7527.html>

From: Linus Torvalds (torvalds_at_osdl.org)

Date: 02/28/04

Date: Fri, 27 Feb 2004 15:03:22 -0800 (PST)
To: Kernel Mailing List <linux-kernel@vger.kernel.org>

Ok, as usual, there was a lot of stuff for the -rc1, but as seems to be more and more true it is mainly in the "periphery".

This is a big patch, but the bulk of it is a long-overdue MIPS update, and the (working) HFS/HFS+ filesystem update (total rewrite), and ISDN updates. And some large s390 driver updates too, for that matter.

So please keep bigger updates to yourself, and let's calm this down.

Linus

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Summary of changes from v2.6.3 to v2.6.4-rc1
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<ken:miriam.com>:
  o [TIGON3]: Add Apple tigon3 PCI device id
Adam Belay:
  o PCI: remove unused defines in pci.h
Alan Stern:
  o USB: Remove unneeded and error-provoking variable in UHCI
  o USB: Even out distribution of UHCI interrupt transfers
  o USB: ERRBUF_LEN compiling error when PAGE_SIZE=64KB on IA64
  o USB: Simplify locking in UHCI
  o USB: Mask "HC Halted" bit in the UHCI status register
  o USB Storage: Handle excess 0-length data packets
  o USB Storage: Treat STALL as failure for CB[I]
  o USB Storage: Reduce auto-sensing for CB transport
  o USB Storage: unusual_devs.h fixup
  o USB: Improve UHCI root hub code: descriptor, OC bits, etc
  o USB: More UHCI root hub code improvements
  o USB: Another unusual_devs.h update
  o USB: Repair unusual_devs.h entry
  o USB: Use driver-model logging in the UHCI driver
Alexander Viro:
  o [wan lapb] beginning of cleanups
  o [wan lapb] switch to use net_device instead of custom token
  o [wan lapb] Printks switched from %p lapb->token to %p lapb->dev
  o [wan lapb] kill now-unused custom token container
  o [wan hdlc] hdlc_open() switched to net_device
  o [wan hdlc] hdlc_close() switched to net_device
  o [wan hdlc] new port_to_dev() helper
  o [wan hdlc] switch sca_xxx() to use net_device
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- o [wan hdlc] hdlc_set_carrier() switched to net_device
- o [wan hdlc] hdlc->attach() switched to net_device
- o [wan farsync] Eliminated a bunch of port->hdlc and hdlc_to_dev() uses
- o [wan hdlc] hdlc->proto.*() switched to net_device
- o [wan hdlc] hdlc_cisco: killed ->netdev, hdlc_to_name() and hdlc_to_dev() uses
- o [wan hdlc] hdlc_fr: eliminated ->netdev, hdlc_to_dev() and hdlc_to_name() uses
- o [wan hdlc_x25] eliminated hdlc_to_dev() and hdlc_to_name() uses
- o [wan wanxl] eliminated hdlc_to_name() uses and a bunch of port->hdlc ones
- o [wan hdlc] switch internal ioctl dispatch to net_device
- o [wan pc300] more direct use of net_device
- o [wan hdlc] new hdlc_stats() helper
- o [wan dscc4] Uses of ->hdlc and hdlc_to_dev() encapsulated into dscc4_to_dev()
- o [wan hdlc] switch register_hdlc_device() to take net_device arg
- o [wan hdlc] new private struct pointer in hdlc_device, and helpers for it
- o [wan hdlc] kill embedded struct in various drivers
- o [wan pc300] use alloc_hdlcdev()/free_hdlcdev(). Leak fixed
- o [wan farsync] embedded struct hdlc_device removal
- o [wan dscc4] embedded struct removal
- o [wan hdlc] removal hdlc_to_dev()
- o [wan hdlc] kill embedding of struct net_device
- o [wan hdlc_fr] Switched allocation of net_device to alloc_netdev()
- o [wan hostess_sv11] sane net_device allocation
- o [wan sbni] sane net_device allocation; plug a bunch of leaks
- o [wan sealevel] Plugged a leak
- o [netdrvr tun] Killed bogus ->init()
- o [wireless airo] switched to sane allocation
- o [netdrvr s390/netiucv] partially sanitized wrt allocation
- o [netdrvr fec] switched to sane allocation. It still leaks on failure exits, though
- o [wan sdla] Fixed leaks and double-free
- o [netdrvr isa-skeleton] cleanups and fixes
- o [all over] more kfree -> free_netdev
- o [netdrvr acenic] Race and leak fixes
- o [netdrvr 3c509] Leak fixed
- o [netdrvr apne] resource leak fix
- o [wireless orinoco] check alloc_etherdev for failure
- o [netdrvr s390/lcs] Leak fix
- o [wan] leak fixes in hostess_sv11, lapbether
- o [netdrvr arm/am79c961] Fix for IO-before-request_region race
- o [netdrvr saa9730] fix double-free
- o [netdrvr arch/uml] leak fix
- o [netdrvr dvb/dvb_net] fixes
- o [netdrvr shaper] fix double-free
- o [netdrvr s390/qeth] Alloc fixes
- o Remove unused and invalid 'struct ppp' definition from if_pppvar.h
- o [wan] apply hdlc cleanups to new driver pci200syn
- o [PKT_SCHED]: Convert to {subsys,module}_initcall(), fix init failure bugs in sch_teql.c
- o [IPV6]: Kill MODULE ifdeffing, common init for sysctls
- o [IPV4/IPV6]: Convert tunnel drivers to unconditional module_init
- o [DECNET]: Zap MODULE ifdefs
- o removal of bogus CONFIG_BINFMT_ELF uses
- o intermezzo ->permission() idiocy
- o typo fix in intermezzo patch
- o aulk leaks, allocation and free_netdev() fixes
- o vlsi_ir leak, allocation and freeing fixes

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- o [WANROUTER]: Kill MODULE ifdefs
- o remove init_{etherdev,netdev} and dev_alloc
- o removal of ifdef MODULE from fs/openpromfs
- o Clean up __cacheline_aligned

Alexandre Oliva:

- o Improve code generation for x86 raid XOR functions

Amir Noam:

- o [netdrvr bonding] Cannot remove and re-enslave the original active slave
- o [netdrvr bonding] Releasing the original active slave causes mac address duplication
- o [netdrvr bonding] Add support for slaves that use ethtool_ops
- o [netdrvr bonding] fix build breakage
- o [bonding 2.6] Fix compilation warning in bond_alb.c
- o [bonding 2.6] Save parameters in a per-bond data structure
- o [bonding 2.6] Use the per-bond value of the bond_mode parameter
- o [bonding 2.6] Use the per-bond values of all remaining parameters

Andi Kleen:

- o Intel x86-64 support merge
- o Update i386 microcode driver for x86-64
- o Enable Intel AGP on x86-64
- o Allow P4 oprofile code for x86-64
- o x86-64 merge for 2.6.3
- o New machine check handler for x86-64
- o Run 32bit compat ioctl handlers in BKL
- o Support AGP bridge on Nvidia Nforce3 + cleanup

Andre:

- o [ARM] Optimise ARM720T Thumb abort unwinding

Andreas Gruenbacher:

- o CONFIG_REGPARM breaks non-asmlinkage syscalls

Andrew Morton:

- o tulip printk warning fix
- o ISDN udpate
- o i4l: hisax deadlock fix
- o Fix for PPP activ/passiv filter
- o ia32 early printk
- o early printk tweaks
- o Remove BDEV_RAW and friends
- o msg.h needs list.h
- o ppc64: Fix prom.c warnings
- o ppc64: fix saved_command_line/cmd_line lengths
- o ppc64: fix debugger() warnings
- o ppc64: iseries IRQ fix
- o loop: remove the bio remapping capability
- o remove useless highmem bounce from loop/cryptoloop
- o loop: BIO handling fix
- o loop.c doesn't fail init gracefully
- o loop: remove redundant initialisation
- o ACPI PM timer
- o kthread primitive
- o Remove kstat cpu notifiers
- o Minor workqueue.c cleanup
- o Remove More Unnecessary CPU Notifiers
- o Use CPU_UP_PREPARE properly
- o Limit hashtable sizes
- o add Pentium M and Pentium-4 M options
- o gcc 2.95 supports -march=k6 (no need for check_gcc)
- o AMD Elan is a different subarch
- o Documentation: remove /etc/modules.conf refs
- o add some more MODULE_ALIASEs
- o bonding alias revert and documentation fix
- o NGROUPS 2.6.2rc2 + fixups

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- o Mark intermezzo as broken
- o `bd_set_size` `i_size` handling
- o `snprintf` fixes
- o `devfs`: race fixes and cleanup
- o Enable `coredumps` > 2GB
- o MIPS: New 2.6 serial drivers
- o `#if` versus `#ifdef` cleanup
- o `kNFSD`: Fix possible `scheduling_while_atomic` in `cache.c`
- o `kNFSD`: Allow `sunrpc/svc` cache init function to modify the "key"
- o `kNFSD`: `ip_map_init` does a `kmalloc` which isn't checked
- o `kNFSD`: convert NFS `/proc` interfaces to `seq_file`
- o `kNFSD`: fix build problems in `nfs` w/o `proc_fs` on 2.6.0-test5
- o `md`: Print "deprecated" warning when `START_ARRAY` is used
- o `md`: Split read and write `end_request` handlers
- o `md`: Discard the `cmd` field from `rl_bio` structure
- o `md`: Remove some un-needed fields from `rlbio_s`
- o `md`: Avoid unnecessary bio allocation during `raid1` resync
- o `md`: Dynamically limit size of bio requests used for `raid1` resync
- o `md`: Allow partitioning of MD devices
- o `dm`: Export `dm_vcalloc()`
- o `dm`: Move `to_bytes()` and `to_sectors()` into `dm.h`
- o `dm`: Get rid of `struct dm_deferred_io` in `dm.c`
- o `dm`: Maintain ordering when deferring bios
- o `dm`: Tidy up the error path for `alloc_dev()`
- o `dm`: Correct GFP flag in `dm_table_create()`
- o `dm`: Zero size target sanity check
- o `dm`: Remove redundant spin lock in `dec_pending()`
- o `dm`: drop `BIO_SEG_VALID` bit
- o 8259 timer ack fix
- o Fix `printk` level on non fatal MCEs
- o MCE fixes and cleanups
- o Rename `bitmap_snprintf()` and `cpumask_snprintf()` to `*_scnprintf()`
- o OSS: remove `#ifdef`'s for kernel 2.0
- o remove kernel 2.2 `#ifdef`'s from `{i,}stallion.h`
- o `kbuild` documentation fix
- o `adfs`: remove a kernel 2.2 `#ifdef`
- o defer panic for too many items in boot parameter line
- o `cpufreq_scale()` fixes
- o Minor cross-compile issues
- o `/proc` thread visibility fixes
- o `drivers/char/vt` possible race
- o `off_t` in `nfsd_commit` needs to be `loff_t`
- o skip offline CPUs in `show_free_areas`
- o fix display of NBD in `/proc/partitions`
- o cleanup patch that prepares for 4Kb stacks
- o 3c59x: bring back the ``enable_wol'` option
- o `Oprofile`: fix `nmi_timer_int` detection
- o `oprofile`: ARM infrastructure
- o `oprofile`: add Pentium Mobile support
- o remove `max_anon` limit
- o Fix `__release_region()` race
- o Documentation on how to debug modules
- o Module headers cleanup
- o add `clock_was_set()` to all architectures
- o Fix race in `epoll_ctl(EPOLL_CTL_MOD)`
- o `slab`: remove extraneous `printk`
- o `do_swap_page()` return value fix
- o `ide-tape`: remove obsolete `onstream` support
- o Disable `bootmem` warning
- o `dm-crypt`
- o Fix make `rpm` when using RH9 or Fedora
- o `menuconfig`: fix the check for `ncurses-devel`

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- o Inefficient TLB flush fix
- o sf16fmr2 radio card driver
- o Remove overenthusiastic BUG in smp_boot_cpus
- o Codingstyle update
- o smbfs: support the loop driver
- o Fix sprintf modifiers in usr/gen_init_cpio.c for cygwin
- o wireless/Kconfig enable/select complete replacement
- o tuner driver fixes
- o crc32.c copyright fix
- o Add C99 initializers to arch/i386/pci/fixup.c
- o mark ftape un-removable
- o aio sysctl parms
- o ramdisk cleanup
- o slab: print slab name in kmem_cache_init()
- o prevent ptrace from altering page permissions
- o slab: hexdump for check_poison
- o page_add_rmap(): remove meaningless test
- o Add CONFIG for -mregparm=3
- o Use -funit-at-a-time on ia32
- o Add noinline attribute
- o use noinline for rest_init()
- o gcc-3.5: bonding
- o fix access() POSIX compliance
- o fix pfn_valid on ia32 discontigmem
- o ia32: pfn_to_nid fix
- o ia32: disallow NUMA on PC subarch
- o config option for irqbalance
- o print some x86 build options during oopses
- o show_task() fix and cleanup
- o show_task() is not SMP safe
- o ppc64 compile fix
- o v850 ptrace.c task_struct leak
- o Fix the display of max-ever-used-stack in sysrq-T output
- o smbfs: remove debug code
- o x86_64 uniproc build fix
- o ia64: fix sched.c compile warning
- o MIPS mega-patch
- o serial fixups
- o more serial driver fixups
- o Intel i830 AGP fix
- o fix shmat
- o dynamic pty allocation
- o NBD rmmmod oops fix
- o m68k: offsets.h generation
- o m68k: mm init warning
- o m68k: Sun-3 console fix
- o m68k: Sun-3 missing sbus_readl()
- o m68k: Atari name clashes
- o m68k: M68k MCA cleanup
- o m68k: M68k uses drivers/Kconfig
- o m68k: Amifb modedb bug
- o m68k: M68k configuration
- o m68k: arch/m68k/mm/Makefile cleanup
- o m68k: M68k module loader
- o m68k: M68k call trace output
- o m68k: M68k cmpxchg
- o m68k: M68k FPU emu broken link
- o m68k: Mac IOP spelling
- o m68k: Dummy dma mapping
- o m68k: M68k core spelling
- o add range checking to sys_sysctl()
- o Kconfig help: dm-crypto && cryptoloop

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- o nbd: fix set_capacity call
- o nbd: remove PARANOIA and other cleanups
- o cleanup condsyscall for sysv ipc
- o IPMI warning fixes
- o mtrr: init section usage
- o Fixes to CodingStyle
- o Another x86-64 fix for problems from the recent merge
- o ext3: fix scheduling-in-spinlock bug
- o security oops fix
- o From: "Randy.Dunlap" <rddunlap@osdl.org>
- o janitor: media: use kernel min/max
- o telephony: use kernel min/max
- o Fix ISDN v.110
- o Fix fs/partitions/efi.c printk warnings
- o powernow-k8 frequency handling fix
- o Require GNU Make version 3.79.1 or later
- o runtime PM deadlock fix
- o Fix do_shmat() for CONFIG_SYSVIPC=n
- o ppc64: remove dump_regs
- o ppc64: cleanup lmb code
- o ppc64: Potentially avoid an atomic operation in switch_mm
- o ppc64: Remove duplicate pcibios_scan_all_fns definition
- o ppc64: Fix for ppc64 SMT enablement bug provided by Jimi Xenidis and Michael Day
- o ppc64: add rtas slot-error-detail information
- o ppc64: add log_rtas_error()
- o Allow CROSS32_COMPILE to be set via environment variable
- o ppc64: Add a ppc64 archhelp
- o ppc64: print useful flags in oops, like x86
- o ppc64: Add DEBUG_STACK_USAGE
- o ppc64: Add -funit-at-a-time
- o Add 970FX entry into the cputable
- o ppc64: Fix for valid nvram rtas tokens
- o fix naming collision with asm-ppc64/vio.h
- o ppc64: fix warning and compile error without CONFIG_SMP
- o ppc64 cpu spinup fixes
- o ppc64: remove useless smp_message_pass args
- o ppc64: This cleans up the rtasd logic, and also makes it hotplug CPU safe
- o ppc64: Add stack overflow debugging
- o ppc64: remove get_users in backtrace code
- o Add cpus and NUMA memory nodes to sysfs. Also add cpu physical id
- o ppc64: Make a number of segment table functions static
- o ppc64: Clean up per cpu usage in segment table code
- o ppc64: PER_CPU irq optimisations
- o ppc64: don't link some non iSeries stuff
- o ppc64: Fix __get_SP()
- o ppc64: set err to -ENODEV when a new node doesn't have "interrupt" property
- o fix for NUMA kernel on non NUMA machine
- o trivial oops formatting cleanups
- o ppc64: restore cpu names
- o ppc64: uniprocessor compile fixes
- o ppc64: fix cmd_line bugs
- o m68k: Sun-3 LANCE Ethernet
- o m68k: Atari Pamsnet warning
- o m68k: Amiga A2065 Ethernet new driver model
- o m68k: Amiga Ariadne Ethernet new driver model
- o m68k: Amiga Hydra Ethernet new driver model
- o ppc64: archhelp fix
- o Fix make xconfig on /lib64 systems
- o Report NGROUPS_MAX via a sysctl (read-only)

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- o Make insert_resource work for alder IOAPIC resources
- o add the Intel Alder IO-APIC PCI device to quirks
- o x86: remove THREAD_SIZE assumption cleanups
- o cosmetic printk fix
- o remove unneeded check from sys_sysctl()
- o clarify MSI requirements in Kconfig
- o pty changes require procs 3.2
- o jffs2: Don't jump between contexts
- o fix the build with CONFIG_UNIX98_PTYS=n
- o Eicon isdn driver compile __devexit compile fix
- o Change ENOTSUPP to EOPNOTSUPP
- o swsusp/s3: Assembly interactions need asmlinkage
- o acpi/utils.c warning fix
- o drivers/acpi/sleep/proc.c warnings
- o add syscalls.h
- o asmlinkage fixes
- o ppc64: fix de4x5 build
- o m68k: Amiga Zorro8390 Ethernet new driver model
- o HFS rewrite
- o HFS+ support
- o superblock fixes
- o fix module reference counting in zoran driver
- o s390: general update
- o s390: common i/o layer
- o s390: console driver
- o s390: compat_timer_settime
- o s390: CTC network driver
- o s390: LCS network driver
- o s390: IUCV network driver
- o s390: DASD device driver
- o s390: virtual timer interface
- o s390: z/VM monitor stream
- o s390: collaborative memory management
- o s390: channel measurement block interface
- o s390: zfcip host adapter
- o s390 syscalls.h update
- o s390: DCSS block device driver
- o dvb: Update subsystem docs
- o dvb: Update saa7146 driver core
- o dvb: Minor Skystar2 updates
- o dvb: core update
- o dvb: Misc frontend updates
- o dvb: stv0299 DVB frontend update
- o dvb: tda1004x DVB frontend update
- o dvb: av7110 DVB driver update
- o dvb: TTUSB-Budget DVB driver update
- o n_tty.c cleanup
- o M68k Macintosh driver config
- o request_firmware(): misc fixes
- o request_firmware(): more misc fixes
- o request_firmware(): add status bitmap
- o request_firmware(): fix firmware_priv leak
- o request_firmware(): race fixes
- o request_firmware(): refactor fw_setup_class_device()
- o request_firmware(): fix attribute removal
- o early printk documentation fix
- o radeon config fix
- o Remove unused tty CALLOUT defines
- o don't use floating point in tdfxfb
- o mtd locking fix
- o C99 patch for fs/afs/inode.c
- o Kill bogus __KERNEL_SYSCALLS usage

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- o C99 initializers for drivers/isdn/i4l/isdn_common.c
- o C99 initializers for drivers/net/wireless/airo.c
- o C99 initializers for drivers/net/wan/wanxl.c
- o C99 initializers for drivers/net/wan/pci200syn.c
- o C99 initializers for drivers/net/irda/irda-usb.c
- o C99 initializers for drivers/media/common/saa7146_video.c
- o C99 initializer for drivers/media/dv/frontend/stv0229.c
- o C99 initializers for drivers/media/dvb/frontends/alps_tdlb7.c
- o C99 initializers for drivers/media/dvb/frontends/sp887x.c
- o C99 initializer for driver/media/dvb/ttpci/budget-av.c
- o V4L: Add new driver for Teletext decoder SAA5246A from Philips
- o kbuild: add defconfig targets to make help
- o wanmain.c build fix
- o swsusp locking fix
- o PPC64 iSeries virtual disk driver
- o Add kallsyms_lookupname()
- o ppc64: use kallsyms_lookup_name() in xmon
- o ppc64: move sg_dma_{len,address} macros
- o ppc64: Fix a sleeping with spinlock bug in ioremap
- o knfsd: NGROUPS fixes
- o nfsd: don't modify group_info structures
- o kNFSd: Add minimal server-side support for rpcsec_gss
- o kNFSd: gss api changes for integrity checking
- o kNFSd: IDmap support for the NFSv4 server
- o kNFSd: Nfsdv4 pointer cleanup
- o kNFSd: NFSv4 locking state fix
- o kNFSd: v4 exclusive open fix
- o kNFSd: Use higher-resolution time for the changeinfo, instead of using time and filesize
- o kNFSd: When looking for a shareowner in the nfsd open, make sure we don't get a lockowner instead
- o kNFSd: NFSdV4 fixes for replaying open requests
- o kNFSd: Use only the uid when deciding whether a setclientid is being done with the "same principal"
- o kNFSd: When looking for a shareowner in the nfsd open, make sure we don't get a lockowner instead
- o kNFSd: readdir error code fix
- o kNFSd: correctly tests and sets nfserr_nofilehandle for current and save fh
- o kNFSd: Fix for lookup-parent at pseudo root
- o kNFSd: Correct error returns
- o kNFSd: fixes an xdr error by removing the verifier from error return
- o kNFSd: correct symlink related error returns
- o kNFSd: check lock length, return appropriate error
- o kNFSd: correct rename error returns
- o kNFSd: unlock-on-close fix
- o kNFSd: Remove a comment that is no longer accurate
- o kNFSd: move fh_dup2 and fix it
- o kNFSd: Implement the nfsv4 RELEASE_LOCKOWNER operation
- o kNFSd: add OP_ILLEGAL, and fix processing of compounds with out of bounds op numbers
- o kNFSd: fix an error return for OP_CREATE
- o kNFSd: Add a check in OP_LOCK for new lockowners to ensure that the open stateid is
- o kNFSd: Corrects an error return for OP_OPEN_CONFIRM
- o kNFSd: Enforce open_downgrade requirement
- o kNFSd: Fix an out-of-spec readlink error return
- o kNFSd: Fix an out-of-spec error in nfsd4_remove
- o kNFSd: Miscellaneous fixes to stateid-based replay
- o kNFSd: Fix out-of-spec error return in attribute decoding
- o kNFSd: Make the calculation in the first READ_BUF easier to

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- understand
 - o kNFSd: make sure sunrpc init routines called before gss init routines
 - o kNFSd: return more than one page of directory entries
 - o Add a MODULE_VERSION macro
 - o rename other MODULE_VERSION users
 - o fbdev cursor fix
- Andrew Vasquez:
- o qla2xxx -- Properly schedule mailbox command timeouts
 - o qla2xxx -- FCP_RSP IU check during command completion
- Andries E. Brouwer:
- o USB: add comments to sddr09.c
 - o tty utf8 mode
- Anton Blanchard:
- o ppc64: fix kernel access of user pages
 - o ppc64: TLB flush rework
 - o ppc64: fix pci hotplug compile error
 - o ppc64: remove CONFIG_VETH
 - o ppc64: defconfig update
- Art Haas:
- o [NETFILTER]: C99 initializers in ip_contrack_standalone.c
 - o [RXRPC]: C99 initializers for net/rxrpc/connection.c
- Bartlomiej Zolnierkiewicz:
- o move CONFIG_HOTPLUG to init/Kconfig
 - o remove dead kernel parameters
 - o keep documentation of kernel parameters in one place only
 - o kill useless IDE_SUBDRIVER_VERSION
 - o kill default_shutdown() and ide_drive_t->shutdown
 - o kill default_flushcache() and ide_drive_t->flushcache
 - o remove bogus comment and code from ide_unregister_driver()
 - o remove dead/unfinished taskfile version of ide_cmd_ioctl()
 - o remove unused ide_end_taskfile()
 - o fix /proc/ide/<chipset> for IDE PCI modules
 - o fix /proc/ide/<hwif> for IDE PCI modules
 - o siimage.c: limit requests to 15kB only for Seagate SATA drives
 - o add UDMA6 support to ALi PCI IDE driver
 - o fix ide_system_bus_speed() causing "Badness in pci_find_subsys..."
 - o ide-io.c: CONFIG_LBD fix
 - o explicitly define PRD_ENTRIES to 256
 - o remove redundant ide_setup_pci_device{s}() declarations
 - o ide-proc.c: remove unused MIN() macro
 - o ide-taskfile.c: remove debugging placeholders
- Ben Collins:
- o IEEE1394(r1118): Addition of new config-rom processing code
 - o IEEE1394(r1126): Small cleanup based on patch from Isaac Claymore
 - o IEEE1394(r1128): Implement bus reset handling for hosts (based on patch from Oracle)
 - o IEEE1394(r1129): Initial support for reusing node entries over plug/unplug cycles
 - o IEEE1394(r1130): Conversion of some list_for_each() usages to list_for_each_entry()
 - o IEEE1394/OHCI(r1131): Suspend/resume isn't dependent on CONFIG_PM
 - o IEEE1394: Sync revisions
 - o IEEE1394(r1134): Fix some typos introduced over the last few changes
 - o IEEE1394(r1135): Initial ieee1394_host_class implementation
 - o IEEE1394(r1136): Implement node class
 - o IEEE1394(r1137): Check to make sure we have a hostinfo in sbp2_host_reset
 - o IEEE1394(r1138): Cleanup nodemgr probe, and fix a bug with the driver update
 - o IEEE1394/SBP2(r1139): Some cleanups, and a better, more unique id

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- for ieee1394_id attribute
 - o IEEE1394(r1140): Add a bus rescan bus_attr file, and an ignore_driver attr for ud's
 - o IEEE1394(r1141): Add an "ignore_drivers" global default
 - o IEEE1394(r1142): Use a kernel thread to rescan devices so we don't block the writer
 - o IEEE1394(r1143): Fix FCP requests, broken by my change for list_for_each_entry()
 - o IEEE1394/SBP2(r1144): Convert sbp2 to do one scsi_host per unit-directory
 - o IEEE1394: Revision sync
 - o IEEE1394 is no longer experimental, but eth1394 is
 - o IEEE1394(r1146): Make the probe callback return an error if problems, and unbind drivers on failure
 - o IEEE1394/ETH1394(r1147): Make sure to set update_config_rom on add host
 - o IEEE1394/SBP2(r1148): Fix a few bugs, and add set blk_queue_dma_alignment to 512
 - o IEEE1394(r1149): Convert some hardcoded values to constants. Add pbook suspend/resume handlers
 - o IEEE1394/Video1394(r1150): Initialize d->link list so that failures cleanup properly
 - o IEEE1394/Video1394(r1151): Fix typo in last commit
 - o IEEE1394(r1154): Cleanup dma routines, and use vmalloc for sglist allocation
 - o IEEE1394(r1155): Get rid of another user of roundup_to_page()
 - o eth1394(r1156): Fix oddities when MacOSX is IRM. Also MacOSX sets an invalid sspd in the ARP reply
 - o IEEE1394(r1157): Create a kernel thread to handle all run_packet_complete() calls
 - o SBP2(r1158): We don't need a remove_host callback in sbp2
 - o IEEE1394(r1159): Merge run_packet_complete into kernel thread
 - o ohci1394(r1160): Disable cross_bound() check, and add code to try to enable connected ports
 - o IEEE1394(r1161): Major cleanup and addition of a ud-class, to make things even cleaner
 - o SPARC64: Fix debug spinlocks to not trash random memory with > 4 cpus's (or sparse cpu's)
 - o SPARC64: Use hard_smp_processor_id() for init_irqwork_curcpu()
 - o IEEE1394(r1162): Check return value for errors from hpsb_register_protocol
 - o IEEE1394(r1163): Fixup nodemgr_{suspend,resume}_ne to use the ud class list
 - o [SPARC64]: Use prom_printf in sun_do_break() instead of printk. Avoids lockup
 - o [SPARC64]: Fix compile warning from RW_LOCK_UNLOCKED with spinlock debug enabled
- Benjamin Herrenschmidt:
- o Be careful about memory ordering in sungem driver
 - o Fix a DMA underrun problem with pmac IDE
 - o ppc32: rework l2 cache code
 - o ppc32: Export cpu_possible_map
 - o Fix use of sector_t in swim3 driver
 - o Remove use of "current" identifier in via-pmu
 - o Disable debugging verbosity in macio_asic.c
 - o ppc64 oops on /proc/cpuinfo
 - o ppc64: Fix warning on pmac build
 - o radeonfb: small cleanup of common register init
 - o ppc64: physical RAM accounting fix
 - o ppc64: Fix /dev/mem idea of what is memory
 - o ppc64: iommu rewrite
 - o ppc64: Fix drivers/ide when using an IOMMU

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- o ppc64: Implement support for Apple DART IOMMU (PowerMac G5)
- Bjorn Helgaas:
 - o [SERIAL] Discover ACPI serial ports before plug-in ports
 - o [SERIAL] Fix /proc serial info for MMIO ports
- Brian Childs:
 - o multicast broken on x86_64
- Brian King:
 - o SCSI: Make retries obey host_self_blocked flag
- Carlos Puchol:
 - o initial support for transmeta's efficeon processors
- Chas Williams:
 - o [ATM]: horizon: make reset function not __init (from Randy Dunlap <rddunlap@osdl.org>)
 - o [ATM]: use clip_tbl instead of clp_tbl_hook (from Francois Romieu <romieu@fr.zoreil.com>)
 - o [ATM]: [lec] put back pressure on network stack
- Christoph Hellwig:
 - o [SUNGEM]: Kill unused variable on ppc
 - o remove flush_cache_all() from qlal280
 - o Remove CONFIG_SCSI_DC390T_NOGENSUPP
 - o fix up ini9100 interrupt handling
 - o fix up NCR5380 private data
 - o move remaining definitions from drivers/scsi/scsi.h to include/scsi
 - o remove useless MOD_{INC,DEC}_USE_COUNT in lasi_82596.c
 - o remove useless MOD_{INC,DEC}_USE_COUNT in sun3lance
 - o remove useless MOD_{INC,DEC}_USE_COUNT in sb1250-mac
 - o remove useless MOD_{INC,DEC}_USE_COUNT in meth
 - o remove useless MOD_{INC,DEC}_USE_COUNT in wanpipe
- Dave Jones:
 - o [CPUFREQ] Update URL
 - o [CPUFREQ] bump copyrights
 - o [CPUFREQ] Add extra __init markers to longhaul driver
 - o [CPUFREQ] Add extra __init markers to longrun driver
 - o [CPUFREQ] Don't set up longhaul voltage scaling too early
 - o [CPUFREQ] Extra sanity checks in longhaul
 - o [CPUFREQ] Don't guess FSB on Nehemiah
 - o [CPUFREQ] Export powernow-k7 scaling frequencies
 - o [CPUFREQ] scaling_available_frequencies work for remaining x86 drivers
 - o [CPUFREQ] Fix ARM cpufreq governor selection From: Russell King <rmk@arm.linux.org.uk>
 - o Fix for a really stupid off by 1 bug
- Dave Kleikamp:
 - o JFS: get_UCSname does not need nls_tab argument
 - o JFS: Don't do filename translation by default
- David Brownell:
 - o USB: EHCI updates (mostly periodic schedule scanning)
 - o USB: usbcore, scatterlist cleanups
 - o USB: usbcore, hub driver enables TT-per-port mode
 - o USB: usbcore, avoid RNDIS configs
 - o USB: usbttest, two more protocol cases
 - o USB: ehci-hcd, fullspeed iso data structures (1/3)
 - o USB: ehci-hcd, fullspeed iso data structures (2/3)
 - o USB: ehci-hcd, scheduler handles TT collisions (3/3)
- David Milburn:
 - o [libata sata_promise] Fix DIMM initialization on PCI-X bus
- David Mosberger:
 - o ia64: Back-port from libunwind: fix off-by-one error in kernel-unwinder
 - o ia64: Fix bug in ia64_get_scratch_nat_bits()/ia64_put_scratch_nat_bits()
 - o ia64: Update defconfig

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- o ia64: Update defconfig
- David S. Miller:
- o [IPV6]: Kill 64-bit warnings in ndisc.c
 - o [IRDA]: Forgot to add stir4200.c in previous commit
 - o [TG3]: Two more PHY bug workaround, plus fix DMA test on big-endian
 - o [TG3]: Fix early chip programming in tg3_setup_copper_phy()
 - o [TG3]: Bump driver version and reldate
 - o [APPLETALK]: Use '%Z' for size_t
 - o [BLUETOOTH]: Use min_t to avoid warning in rfcomm sock.c
 - o [DECNET]: Make second arg to dn_alloc_send_skb a size_t pointer
 - o [SELINUX]: Forgot to add these in previous commit
 - o qla2xxx: remove flush_cache_all
 - o [SPARC64]: Update defconfig
 - o [I2C]: Fix resource address typing
 - o [I2C]: Use correct port address types in i2c-velleman.c
 - o [I2C]: Fix resource address typing in i2c-voodoo3.c
 - o [FREEVXFS]: Fix u64 printk warnings on some 64-bit platforms
 - o [I2C]: If comparing against ULONG_MAX, use ulong type, in lm85.c
 - o [NFSD]: Fix u64 printk warnings on some 64-bit platforms
 - o [SMBFS]: Use '%z' printf format for size_t types
 - o [MEDIA]: Print out pointers correctly in dst.c
 - o [MEDIA]: Use '%z' printf format for size_t
 - o [SKFDDI]: Use unsigned long for resource base/size
 - o [SUNDANCE]: Fix casting so u64 printk does not warn on some 64-bit platforms
 - o [MEDIA]: Use '%z' printf format for size_t/ptrdiff_t types in w9968cf.c
 - o [I2C]: Use correct port address typing in i2c-elv.c
 - o [SPARC64]: Do similar macro casting for {in,out}{b,w,l}() as we do for {read,write}{b,w,l,q}()
 - o [SPARC64]: Update defconfig
 - o [NETFILTER]: Include net/ipv6.h in ip6_tables.c
 - o [IPV6]: Make ipv6_skip_exthdrs take const skb arg
 - o [PKT_SCHED]: Missing linux/init.h includes in sch_{arm,dsmark}.c
 - o Synchronize sungem RX completion path
 - o [IPV4]: Do not return -EAGAIN on blocking UDP socket, noticed by Olaf Kirch
 - o [IPV6]: Kill unloadable noise in af_inet6.c
 - o [IPV6]: Fix typo in Al's module_init changes
 - o [TIGON3]: Comment out card RAM validation in tg3_test_dma() for now
 - o [TIGON3]: Bump version and reldate
 - o [NET]: Set default socket rmem/wmem values more sanely and consistently
 - o [IPV6]: UDPv6 needs recvmsg csum error path fix too, thanks Olaf
 - o [SPARC64]: Update defconfig
 - o [SPARC]: Move ptrace_signal_deliver() implementation out of header file
 - o [SUNRPC]: Use '%z' for size_t printk in svcauth_gss.c
- David Stevens:
- o [IPV6]: Except MLD packets from source filtering
 - o [IPV6]: Add sysctl to force MLD version
 - o [IGMP/MLD]: Validate filter size against optlen
 - o [IGMP/MLD]: Check for numsrc overflow, plus temp buffer tweaks
- David Woodhouse:
- o [IPV4]: Make ip_auto_config a late initcall
- Deepak Saxena:
- o USB: Fix USB host code to use generic DMA API
 - o [ARM PATCH] 1761/1: Remove SA1111_PCI_FAKEDDEV (take 2)
- Dely Sy:
- o PCI Hotplug: Add SHPC and PCI Express hot-plug drivers
- Domen Puncer:
- o USB: some stv680 fixes

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Don Fry:

- o [NET]: Fix ethtool oops if device support get but not set ringparam
- o 2.6.3 pcnet32.c bus master arbitration failure fix
- o 2.6.3 pcnet32.c SLAB_DEBUG length error fix
- o 2.6.3 pcnet32.c transmit hang fix
- o 2.6.3 pcnet32.c wrong vendor ID fix
- o 2.6.3 pcnet32.c convert to use netif_msg_*
- o 2.6.3 pcnet32.c change to use ethtool_ops
- o pcnet32.c handle failures in open
- o pcnet32.c non-mii errors with ethtool
- o pcnet32.c add PCI hot remove support
- o pcnet32.c adds loopback test
- o whitespace only change to pcnet32.c
- o pcnet32.c fix compile error
- o pcnet32 non-mii link state fix

François Romieu:

- o [IRDA]: Fix error return status in stir4200 driver
- o [IRDA]: In stir4200 driver, defer netif_start_queue() until device opening succeeds
- o 2.6.3 - drivers/net/sisl90.c - Tx desc overflow

Geert Uytterhoeven:

- o NCR53C9x slave_{alloc,destroy}()
- o Sun-3x ESP SCSI clean up

Grant Grundler:

- o [TG3]: Reset GRC, if necessary, before DMA test
- o [PKTGEN]: Fix unintentional unaligned access
- o [TG3]: Abstract out mailbox workarounds into tw32_{rx,tw}_mbox()
- o [TG3]: Define MBOX_WRITE_REORDER flag to zero on non-x86

Greg Kroah-Hartman:

- o PCI: fix pci quirk for P4B533-V, fixes bug 1720
- o USB: fix up compile errors in uhci driver
- o USB storage: sync up with some missing unusual_devs entries that were in my tree
- o PCI Hotplug: fix build warnings on 64 bit processors

Greg Ungerer:

- o fix memory leaks in binfmt_flat loader
- o allow configuration for shared flat binary support
- o add m68k elf relocation types to elf.h
- o fixes to ColdFire/5407 startup code
- o m68knommu: remove non-existent option from defconfig
- o m68knommu: fix interrupt handler return types to be irqreturn_t
- o m68knommu: use KERN_DEBUG in debug printk()'s

Harald Welte:

- o [NETFILTER]: Resync with 2.4.x
- o [NETFILTER]: Remove unused structure member in NAT, from Patrick McHardy

Herbert Xu:

- o [IPSEC]: Move hardware headers for decaped packets

Hideaki Yoshifuji:

- o [NET]: Kill bogus kmem cache alignment in neigh_table_init()
- o [IPV6]: Clean up ndisc printks
- o [IPV6]: Spelling corrections, and remove some XXX's
- o [IPV6]: Kill remaining in6_u.u6_addrX uses
- o [IPV6]: Use udpv6_queue_rcv_skb for multicast delivery

Holger Schurig:

- o [ARM PATCH] 1670/1: PXA serial driver

Hollis Blanchard:

- o ppc64: virtual IO bus updates

Ian Abbott:

- o USB: ftdi_sio new PIDs and name fix for sysfs

Jakub Bogusz:

- o 2.6.3 - fix for undefined mdelay in 3c505

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- o switch alpha to use drivers/Kconfig
- James Bottomley:
- o MPT Fusion driver 3.00.03 update
 - o SCSI: 53c700: reduce default tag depth to 4
 - o fix IRQBALANCE Kconfig dependencies
 - o Undo SCSI 8-byte alignment relaxation
- James Morris:
- o [SELINUX]: Event notifications via netlink
- Jan Kasprzak:
- o [NET]: Do not send negative 2nd arg to skb_put()
- Jean Tourrilhes:
- o [IRDA]: Add stir4200 driver
 - o [IRDA]: Rename dongle entry points for consistency
- Jeff Garzik:
- o [netdrv e100] include linux/moduleparam.h
 - o Eliminate ancient and unused include/linux/{if_pppvar,ppp}.h
 - o [libata] catch, and ack, spurious DMA interrupts
 - o Add Documentation/networking/netif-msg.txt, describing the per-network-interface message logging standards for net drivers.
 - o Delete tms380tr firmware, no longer needed now that driver uses request_firmware()
 - o Improvements to the bk-make-sum BitKeeper summary/submission script
 - o default 8139too to PIO
 - o [libata] Guarantee that S/G entries do not straddle IDE DMA 64k boundary
 - o [libata sata_sil] fix 4-port support on SII 3114
 - o [libata] Explicitly set max_phys_segments to 128 (current blk default), in case MAX_PHYS_SEGMENTS ever changes.
 - o [libata] bump versions
 - o Fix PCI MSI build when kirqd is disabled
 - o [libata] Much better s/g table fill routine
 - o [libata] limit S/G table size to 128 entries
 - o [libata ata_piix] add support for ICH6
 - o [libata ata_piix] Update PCI quirk with new Intel SATA devices
 - o Add Intel ICH6 PCI ids to pci_ids.h
 - o Add Intel ICH6 irq router
 - o Add Intel PCI ids to old-OSS driver i810_audio
 - o Add Intel PCI ids to IDE (PATA) driver
 - o Fix broken PIIX build
 - o [IDE] Create DECLARE_PIIX_DEV declarator, to eliminate a large amount
- Jens Axboe:
- o fix SCSI non-sector bio backed IO
- Jeremy Higdon:
- o ia64: Fix 64 bit DMA mapping problem with PCI cards on SN2
- Jeroen Vreeken:
- o 6pack reinit bug
- Jochen Friedrich:
- o tms380tr patch 1/3 (bug fix)
 - o tms380tr patch 2/3 (queue fix)
 - o tms380tr patch 3/3 (get firmware out of kernel)
- John Rose:
- o PCI Hotplug : add DLPAR driver for PPC64 PCI Hotplug slots
- John Stultz:
- o ia64: add support for time-interpolation via IBM EXA Cyclone timer
- Joseph Fannin:
- o [netdrv sis900] fix multicast bug
- Julian Anastasov:
- o [IPV4]: Add configurable restriction of local IP announcements in ARP requests
 - o [IPV4]: Add sophisticated ARP reply control via arp_ignore sysctl
- Kai Mäkisara:

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- o Sysfs class support for SCSI tapes
- Kazunori Miyazawa:
- o [IPV6]: Unify ipv6 output routine
- Keith M. Wesolowski:
- o [SPARC32] Uninline atomic_t functions to save space
 - o [SPARC32]: Do similar macro casting for {in,out}{b,w,l}() as we do for {read ,write}{b,w,l,q}().
 - o [SPARC32]: Nuke a.out build cruft
 - o [SPARC32]: Remove stale SMP irq implementation
 - o [SPARC32]: Remove use of PF_USEDFPU
 - o [SPARC32]: Remove cli/sti from all arch code
- Len Brown:
- o [ACPI] revert previous AML param patch for ACPICA update
 - o [ACPI] ACPICA 20040211 udpate from Bob Moore
- Linda Xie:
- o PCI Hotplug: Add PPC64 PCI Hotplug Driver for RPA
- Linus Torvalds:
- o Fix up the microcode update on regular 32-bit x86. Our wrmsr() is a bit unforgiving and really doesn't like 64-bit values.
 - o Include the <linux/dma-mapping.h> header file for DMA mapping
 - o Fix silly thinko in sungem network driver
 - o Don't allow memory "lines" argument in "xor_p5_mmx_5()"
 - o ppc64: fix non-iSeries build
 - o Add d_type information to legacy readdir system call
 - o Linux 2.6.4-rc1
- long (tlnguyen):
- o PCI: add copyright for files msi.c and msi.h
- Luiz Capitulino:
- o [PPPOE]: Handle disabled PROC_FS properly
 - o [PPPOE]: Kill unneeded ifdef/endif
- MAEDA Naoaki:
- o ia64: fix possible memory leak in PCI alloc_resource()
- Manfred Spraul:
- o rename shmat to make it clear it isn't a system call entrypoint
- Marcel Holtmann:
- o [Bluetooth] Cleanup drivers Kconfig file
 - o [Bluetooth] Copy all L2CAP signal frames to the raw sockets
 - o [Bluetooth] Initial sysfs and device class support
 - o [Bluetooth] Dynamic allocation of HCI device
 - o [Bluetooth] Use C99 initializer for HCI USB driver
 - o [Bluetooth] Initialize interval of ISOC URB's
- Marcelo Tosatti:
- o cyclades async driver update
- Mark A. Greer:
- o PCI: Changing 'GALILEO' to 'MARVELL'
- Mark Haverkamp:
- o add card types to aacraid driver
 - o aacraid reset handler
- Mark Hindley:
- o [SERIAL] fix 8250_pnp resource allocation
- Martin Hicks:
- o ia64: SN2 header file cleanups
 - o ia64: clean up SN2 setup.c
- Martin J. Bligh:
- o [NET]: Ditch TSO in loopback driver, it's had enough testing
- Martine Silbermann:
- o PCI: update MSI Documentation
- Matthew Dharm:
- o USB Storage: Save the SCSI residue value when auto-sensing
 - o USB Storage: Reduce unsolicited auto-sense
 - o USB Storage: Fix small endian-ness bug
- Matthew Wilcox:

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- o [TG32]: Use `pci_get_slot()` to find 5704 peers, to handle domains properly
 - o PCI: Fix `pci_bus_find_capability()`
 - o ia64: SAL version is not zero-padded
 - o ia64: improve gate generation
 - o ia64: Add "install" make target
- Matthias Andree:
- o [NET]: Export `sysctl_optmem_max` to modules
- Michal Ludvig:
- o [XFRM_USER]: Fix SKB sizing in `xfrm_send_policy_notify()`
 - o [XFRM_USER]: In `xfrm_send_{acquire,policy_notify}()`, use `{RTA,NLMSG}_SPACE()`
- Miguel Freitas:
- o [NET_SCHED]: Fix slot leakage in SFQ scheduler
- Mike Phillips:
- o 3c359_microcode.h clean up - 2.6.3
- Mirko Lindner:
- o sk98lin: Added Support for Belkin adapter
 - o [kernel 2.6] sk98lin: Insert revision version and date
- Nathan Scott:
- o `blkdev_open/bd_claim` vs `BLKBSZSET`
- Pat Gefre:
- o ia64: add "platform_data" to struct `pci_controller`, update SN2 accordingly
 - o ia64: on SN2, use the pda to count interrupts
 - o ia64: on SN2, skip `init_platform_hubininfo()` if on the simulator
 - o ia64: cleanup SN2 `pci_bus_cvlink.c`
 - o ia64: add Altix hotplug support
- Patrick Mansfield:
- o have `CONFIG_SCSI_PROC_FS` depend on `CONFIG_PROC_FS`
- Patrick McHardy:
- o [PKTSCHED]: Use queue limit of 1 when `tx_queue_len` is zero
 - o [NETFILTER]: Fix amanda helpers, forward port from 2.4.x version
- Paul Mackerras:
- o Clean up IRQ mapping code
- Paulo Marques:
- o USB: fix `usb_lp.c`
- Peter Teichmann:
- o [ARM PATCH 1719/1] Acornfb update
- Petri Koistinen:
- o [IRDA]: Fix URLs in Kconfig
 - o [HAMRADIO]: Fix URLs in Kconfig
 - o [WAN]: Kconfig clean-up and update URL links
- Randy Dunlap:
- o depca: remove double semi-colon
 - o tr/3c359: handle `kmalloc` failures during init
 - o ne: eliminate unused var. warning
 - o ibmtr: use kernel min/max
 - o strip: remove warnings when `!PROC_FS`
 - o strip: use kernel min/max
- Robert Picco:
- o ia64: add support for NUMA machines with CPU-only (memory-less) nodes
- Russell King:
- o [ARM] Make Acorn I2C build again
 - o [ARM] Fix `ambakmi` to use `amba_request_regions()` and the correct IRQ
 - o ICS IDE is not a PCI IDE interface
 - o [ARM] Fix Acorn VIDC sound driver
 - o [ARM] Add safe `sa1111` IO handling
 - o [ARM] Update `SA1111` Neponset code to use safe GPIO functionality
 - o [ARM] Dynamically allocate `SA1100` PCMCIA sockets
 - o [ARM] Fix late abort handler for Thumb code

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- o [ARM] Remove non-existent Kconfig source statement
 - o [ARM] Add ARM architecture version 6 support
 - o [ARM] Cleanup MODULE_* macros
 - o [ARM] Update sal111-pcibuf for dmapool changes
 - o [ARM] Add SAllx0 sched_clock() implementation
 - o [ARM] Remove obsolete sysctl PM interface
 - o [ARM] Update mach-types definitions file
 - o [ARM] Improve bad IRQ reporting
 - o [ARM] Optimise reads1
 - o [ARM] Allow decompressor to use "cache type" register
 - o [ARM] Add resources and platform devices for SAllx0 serial ports
 - o [ARM] amba_{request,release}_regions
 - o [ARM] Make free_mmap() use PFNs instead of physical addresses
- Rusty Russell:
- o Always put cache aligned code in own section, even for modules
- Santiago Leon:
- o Add IBM PowerPC Virtual Ethernet Driver
- Scott Feldman:
- o [netdrv] e100 version 3 (complete rewrite)
 - o [e100] ICH6 IDs + ia64 memcpy fix + module_param
 - o [netdrv e100] netpoll + fixes to speed/duplex forced settings
 - o [netdrv e100] fix slab corruption
 - o [netdrv e100] copyright + trailing blanks + misc
 - o e1000: flow control
 - o e1000: disable TSO for now
 - o e1000: disable CSA fix for 82547
 - o e1000: delay may be too small
 - o e1000: collision retry count too high
 - o e1000: handle register_netdev failure
 - o [netdrv e100] Response to Jeff's review plus some minor fixes
- Sebastian Henschel:
- o [NET]: Mention tuxmobil.org in drivers/net/Kconfig
 - o [ARM] URL change for linux-on-laptops
- Shmulik Hen:
- o [netdrv bonding] trivial - Update comment blocks and version field
 - o Add support for HW accel. slaves
 - o Add VLAN support in TLB mode
 - o Add VLAN support in ALB mode
- Simon Barber:
- o [NET]: Capture skb->protocol after invoking bridge
- Simon Horman:
- o [JHASH]: Make key arg const in jhash()
- Sridhar Samudrala:
- o [SCTP] Revert back to use kmalloc() for ssnmap allocs of sizes < 128K
 - o [SCTP] Force enable Crypto options that are needed by SCTP config
 - o [SCTP] Fix incorrect INIT process termination with sinit_max_init_timeo
- Stefan Rompf:
- o Re: Patch: netif_carrier_on()/off() for xircom_tulip_cb
 - o netif_carrier_on()/off() for xircom_tulip_cb
- Stephen Hemminger:
- o bugfixes for dgrs.c
 - o hp100 pci probe problem
 - o [WAN]: Fix single_open confusion in wandev_show
 - o Re: IA32 (2.6.3 - 2004-02-18.22.30) - 4 New warnings (gcc 3.2.2)
 - o Allow pnet_cs to work with shared irq
 - o [IRDA]: Fix handling of shared IRQs in smsc-ircc2 driver
 - o [IRDA]: Conver irda-usb to dynamic device allocation
 - o [IRDA]: Rename setup_dma to irda_setup_dma
 - o [IRDA]: Make more symbols static, to avoid namespace pollution
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- o [IRDA]: Make more symbols static, to avoid namespace pollution
 - o [IRDA]: Make more symbols static, to avoid namespace pollution
 - o [IRDA]: No need for volatile type when using set/test_bit
 - o [IRDA]: Kill infrared_mode, unused
 - o [IRDA]: Kill dev_flags, unused
 - o [IRDA]: Hashbin cleanups, remove unused code and add const where needed
 - o [IRDA]: Zap bogus wireless.h include
 - o [IRDA]: Make irda_device_txqueue_empty inline
 - o [IRDA]: Mark irport driver as having locking issues
- Steve Kinneberg:
- o IEEE1394(r1125): Set host field of hpsb_address_serve struct when registering address spaces
 - o IEEE1394(r1132): Update Kconfig description of the eth1394 driver
- Tomasz Torcz:
- o Update via-rhine Kconfig entry
- Tony Lindgren:
- o [ARM PATCH] 1759/1: Add ARM925 support, updated
- Walter Harms:
- o [NET]: Handle kmem_cache_create() failure in neighbour.c
 - o [IPV4]: Handle kmem_cache_create() failure in inetpeer.c
 - o [IPV4]: Handle kmem_cache_create() failure in ipmr.c
 - o [IPV6]: Handle kmem_cache_create() failure in ip6_fib.c
 - o [IPV6]: Handle kmem_cache_create() failure in route.c
- Wensong Zhang:
- o [IPVS] remove the superfluous call of waitpid in sync code
 - o [IPVS] retry to run kernel_thread when memory is temporarily exhausted
 - o [IPVS] update the version number of code to 1.2.0
 - o [IPVS] tidy up the header files to include
- Yasuyuki Kozakai:
- o [IPV6]: In ipv6_skip_exthdr(), access frag header correctly
 - o [NETFILTER]: Fix ipv6 TCP/UDP matching wrt. extension headers
- Yoshinori Sato:
- o H8/300 start_thread problem fix
 - o H8/300 include cleanup
 - o H8/300 warning fix
 - o H8/300 io.h bussizing problem fix
 - o H8/300 Kconfig / defconfig update
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