

2.6.24-rc3-mm1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-11/msg07307.html>

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 - *Date:* Tue, 20 Nov 2007 20:45:25 -0800
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<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.24-rc3/2.6.24-rc3-mm1/>

- Added new git tree git-lblnet.patch: net labelling work (Paul Moore <paul.moore@xxxxxx>)
- Re-added Smack
- Dropped git-kbuild.patch - it broke the scsi build
- I'm offline until Sunday (as are certain other patch targets..)

Boilerplate:

- See the `hot-fixes' directory for any important updates to this patchset.
- To fetch an -mm tree using git, use (for example)

```
git-fetch git://git.kernel.org/pub/scm/linux/kernel/git/smurf/linux-trees.git tag v2.6.16-rc2-mm1
git-checkout -b local-v2.6.16-rc2-mm1 v2.6.16-rc2-mm1
```

- -mm kernel commit activity can be reviewed by subscribing to the mm-commits mailing list.

```
echo "subscribe mm-commits" | mail majordomo@xxxxxxxxxxxxxxxxxx
```

- If you hit a bug in -mm and it is not obvious which patch caused it, it is most valuable if you can perform a bisection search to identify which patch introduced the bug. Instructions for this process are at

<http://www.zip.com.au/~akpm/linux/patches/stuff/bisecting-mm-trees.txt>

But beware that this process takes some time (around ten rebuilds and reboots), so consider reporting the bug first and if we cannot immediately identify the faulty patch, then perform the bisection search.

- When reporting bugs, please try to Cc: the relevant maintainer and mailing list on any email.

2.6.24-rc3-mm1

- When reporting bugs in this kernel via email, please also rewrite the email Subject: in some manner to reflect the nature of the bug. Some developers filter by Subject: when looking for messages to read.
- Occasional snapshots of the -mm lineup are uploaded to <ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/mm/> and are announced on the mm-commits list. These probably are at least compilable.
- More-than-daily -mm snapshots may be found at <http://userweb.kernel.org/~akpm/mmotm/>. These are almost certainly not compileable.

Changes since 2.6.24-rc2-mm1:

origin.patch
git-acpi.patch
git-alsa.patch
git-arm-master.patch
git-arm.patch
git-avr32.patch
git-cifs.patch
git-cpufreq.patch
git-powerpc.patch
git-drm.patch
git-dvb.patch
git-hwmon.patch
git-gfs2-nmw.patch
git-hid.patch
git-hrt.patch
git-ieee1394.patch
git-infiniband.patch
git-input.patch
git-jfs.patch
git-kvm.patch
git-lblnet.patch
git-leds.patch
git-libata-all.patch
git-m32r.patch
git-md-accel.patch
git-mips.patch
git-mmc.patch
git-mtd.patch
git-ubi.patch
git-net.patch
git-netdev-all.patch
git-nfsd.patch
git-ocfs2.patch

git-parisc.patch
 git-selinux.patch
 git-s390.patch
 git-sh.patch
 git-scsi-misc.patch
 git-scsi-rc-fixes.patch
 git-sparc64.patch
 git-unionfs.patch
 git-v9fs.patch
 git-watchdog.patch
 git-wireless.patch
 git-ipwireless_cs.patch
 git-x86.patch
 git-newsetup.patch
 git-xfstools.patch
 git-cryptodev.patch
 git-xtensa.patch

git trees

-ecryptfs-cast-page-index-to-loff_t-instead-of-off_t.patch
 -fix-oops-in-toshiba_acpi-error-return-path.patch
 -rtc_hctosys-expects-rtcs-in-utc-doc.patch
 -rtcs-handle-nvram-better.patch
 -rtc-ds1307-exports-nvram.patch
 -drivers-video-ps3fb-fix-memset-size-error.patch
 -wl-fix-memset-size-error.patch
 -slab-fix-typo-in-allocation-failure-handling.patch
 -serial-add-pnp-id-for-davicom-isa-336k-modem.patch
 -sysctl-check-length-at-deprecated_sysctl_warning.patch
 -cm40x0_csc-fix-debug-macros.patch
 -lib-move-bitmapo-from-lib-y-to-obj-y.patch
 -uml-fix-symlink-loops.patch
 -rtc-tweak-driver-documentation-for-rtc-periodic.patch
 -chipsfb-uses-depends-on-pci.patch
 -uvesafb-fix-warnings-about-unused-variables-on-non-x86.patch
 -oprofile-oops-when-profile_pc-return-0lu.patch
 -uml-fix-recvmmsg-return-value-checking.patch
 -uml-update-address-space-affected-by-pud_clear.patch
 -uml-update-address-space-affected-by-pud_clear-checkpatch-fixes.patch
 -improve-cgroup-printks.patch
 -improve-cgroup-printks-fix.patch
 -drivers-video-s1d13xxfb-as-module-with-dbg.patch
 -forbid-user-to-change-file-flags-on-quota-files.patch
 -forbid-user-to-change-file-flags-on-quota-files-fix.patch
 -lxfb-use-the-correct-msr-number-for-panel-support.patch
 -lguest_userc-fix-memory-leak.patch
 -video-sis-fix-negative-array-index.patch
 -8250_pnp-add-support-for-lg-c1-express-dual-machines.patch
 -proc-fix-kill_inodes-to-kill-dentries-on-all-proc-superblocks.patch
 -proc-fix-kill_inodes-to-kill-dentries-on-all-proc-superblocks-checkpatch-fixes.patch

2.6.24-rc3-mm1

- migration-find-correct-vma-in-new_vma_page.patch
- memory-hotremove-unset-migrate-type-isolate-after-removal.patch
- make-getdelays-cgroupstats-aware.patch
- mm-speed-up-writeback-ramp-up-on-clean-systems.patch
- add-ioresouce_busy-flag-for-system-ram.patch
- acpi-make-acpi_procfs-default-to-y.patch
- spi-fix-double-free-on-spi_unregister_master.patch
- spi-fix-error-paths-on-txx9spi_probe.patch
- paride-pf-driver-fixes.patch
- drivers-misc-move-misplaced-pci_dev_puts.patch
- dmaengine-fix-broken-device-refcounting.patch
- atmel_serial-build-warnings-begone.patch
- hugetlb-follow_hugetlb_page-for-write-access.patch
- hugetlb-follow_hugetlb_page-for-write-access-fix.patch
- raid5-fix-unending-write-sequence.patch
- hugetlb-split-alloc_huge_page-into-private-and-shared-components.patch
- hugetlb-split-alloc_huge_page-into-private-and-shared-components-checkpatch-fixes.patch
- hugetlb-fix-quota-management-for-private-mappings.patch
- hugetlb-debit-quota-in-alloc_huge_page.patch
- hugetlb-allow-bulk-updating-in-hugetlb__quota.patch
- hugetlb-enforce-quotas-during-reservation-for-shared-mappings.patch
- mm-hugetlbc-make-a-function-static.patch
- hugetlb-fix-i_blocks-accounting.patch
- revert-task-control-groups-example-cpu-accounting-subsystem.patch
- fixes-to-the-bfs-filesystem-driver.patch
- linux-kernel-markers-fix-marker-mutex-not-taken-upon-module-load.patch
- linux-kernel-markers-document-format-string.patch
- linux-kernel-markers-fix-samples-to-follow-format-string-standard.patch
- acpi-sbs-fix-retval-warning.patch
- acpi-expose_sun-in-proc-acpi-processor-info.patch
- powerpc-fix-fs_enet-module-build.patch
- fix-gregkh-driver-kobject-clean-up-rpadlpar-horrid-sysfs-abuse.patch
- jdelvare-i2c-i2c-dev-add-comments.patch
- jdelvare-i2c-i2c-slave-busy-only-if-has-driver.patch
- jdelvare-i2c-i2c-make-i2c_check_addr-static.patch
- jdelvare-i2c-i2c-pasemi-replace-obsolete-driverfs-reference.patch
- jdelvare-i2c-i2c-EEPROM-hide-serial-to-non-root-users.patch
- jdelvare-i2c-i2c-EEPROM-recognize-vgn-prefix-as-vaio.patch
- jdelvare-i2c-i2c-pasemi-fix-nack-detection.patch
- hwmon-replace-power-of-two-test-in-drivers-hwmon-adt7470c.patch
- cscope-build-warning.patch
- ide-mm-ide-use-drive-select-all-for-req_type_ata_task-in-execute_drive_cmd.patch
- ide-mm-ide-pmac-skip-conservative-pio-downgrade.patch
- ide-mm-ide-add-missing-hob-bit-clearing-to-ide_dump_ata_status.patch
- ide-mm-ide-dont-bug-on-unsupported-transfer-modes.patch
- blk_dev_idecd-help-remove-outdated-note.patch
- remove-references-to-net-modulestxt.patch
- megaraid-sas-convert-aen_mutex-to-the_mutex-api.patch
- update-kernel-doc-comments-in-drivers-scsi-scsicamc.patch
- libsas-convert-sas_proto-users-to-sas_protocol.patch
- libsas-fix-various-sparse-complaints.patch

- unionfs-clear-partial-read.patch
- usb-power-managementtxt-disconnect-clarification.patch
- iwlwifi-remove-unnecessary-code-in-iwl3945-and-iwl4965-drivers.patch
- git-x86-broke-lguest.patch
- git-x86-broke-xen-too.patch
- i386-fix-reboot-with-no-keyboard-attached.patch
- oprofile-op_model_athalonc-support-for-amd-family10h-barcelona-performance-counters.patch
- oprofile-op_model_athalonc-support-for-amd-family10h-barcelona-performance-counters-checkpatch-fixes.pat
- remove-extern-declarations-for-code-data-bss-resource.patch
- x86_64-do-not-clear-cpu_index-set-by-store_cpu_info.patch
- x86-typo-about-sequence-of-cpu_index-and-cpu_online-in.patch
- i386-and-x86_64-randomize-brk.patch
- i386-and-x86_64-randomize-brk-fix.patch
- i386-and-x86_64-randomize-brk-fix-2.patch
- x86-bitops_32h-style-cleanups.patch
- x86-check-boundary-in-count-setup_resource-called-by.patch
- arch-x86-remove-duplicate-includes.patch
- x86-arch_register_cpu-section-fix.patch
- i386-reboot-fixup-for-wrap-2c-board-scl100-based.patch
- fix-wrong-proc-cpuinfo-on-x64.patch
- x86_64-clean-up-stack-allocation-and-free.patch
- x86_64-configure-stack-size.patch
- ia32-emu-remove-dead-code.patch
- x86_64-add-acpi-reboot-option.patch
- git-cryptodev-hifn_795x-fixes.patch
- xtensa-iss_net_setup-must-be-__init.patch
- i-oat-add-support-for-version-2-of-ioatdma-device.patch
- reiserfs-dont-drop-pg_dirty-when-releasing-sub-page-sized-dirty-file.patch
- rtc-release-correct-region-in-error-path.patch
- rtc-fallback-to-requesting-only-the-ports-we-actually-use.patch
- i5000_edac-no-need-to-__stringify-kbuild_basename.patch
- serial-only-use-pnp-irq-if-its-valid.patch
- sunrpc-xprtdma-transportc-fix-use-after-free.patch
- fix-mm-utilckrealloc.patch
- fuse_file_alloc-fix-null-dereferences.patch
- tle62x0-driver-stops-ignoring-read-errors.patch
- rd-fix-data-corruption-on-memory-pressure.patch
- cris-gpio-undo-locks-before-returning.patch
- mips-undo-locking-on-error-path-returns.patch
- mips-undo-locking-on-error-path-returns-checkpatch-fixes.patch
- proc-simplify-and-correct-proc_flush_task.patch
- fix-param_sysfs_builtin-name-length-check.patch
- mark-sys_open-sys_read-exports-unused.patch
- sysctl-fix-token-ring-procname.patch
- gbefb-fix-section-mismatch-warnings.patch
- vmstat-fix-section-mismatch-warning.patch
- pidns-place-under-config_experimental.patch
- pidns-place-under-config_experimental-checkpatch-fixes.patch
- __do_irq-does-not-check-irq_disabled-when-irq_per_cpu-is-set.patch
- hibernate-fix-lockdep-report-2.patch
- smbfs-fix-debug-builds.patch

2.6.24-rc3-mm1

- fix-64kb-blocksize-in-ext3-directories.patch
- fix-64kb-blocksize-in-ext3-directories-checkpatch-fixes.patch
- uml-fix-spurious-irq-testing.patch
- uml-remove-last-include-of-libc-asm-pageh.patch
- uml-fix-build-for-config_tcp.patch
- uml-fix-build-for-config_printk.patch
- swap-delay-accounting-include-lock_page-delays.patch
- file-capabilities-allow-sigcont-within-session-v2.patch
- file-capabilities-allow-sigcont-within-session-v2-checkpatch-fixes.patch
- file-capabilities-allow-sigcont-within-session-v2-file-capabilities-remove-the-non-matching-uid-special-case
- feature-removal-schedule-remove-sa_flags-entry.patch
- kernel-taskstatsc-fix-bogus-nlmsg_free.patch
- x86-show-cpuinfo-only-for-online-cpus.patch
- make-proc-acpi-ac_adapter-dependent-on-acpi_procfs.patch
- acpi-ac-update-ac-state-on-resume.patch
- keyspan-init-termios-properly.patch
- x86-disable-preemption-in-delay_tsc.patch
- oprofile-fix-oops-on-x86-32-bit.patch
- x86-early_quirks-cleanup.patch
- x86-dont-call-mce_create_device-on-cpu_up_prepare.patch
- aic94xx_sds-rename-flash_size.patch
- mips-pcspkr-build-fix.patch
- kernel-power-move-function-prototypes-to-header.patch
- cris-build-fixes-fix-csum_tcpudp_magic-declaration.patch
- cris-build-fixes-add-missing-syscalls.patch
- cris-build-fixes-hardirqh-include-asm-irqh.patch
- cris-build-fixes-atomich-needs-compilerh.patch
- cris-build-fixes-atomich-needs-compilerh-fix.patch
- cris-build-fixes-irq-fixes.patch
- cris-build-fixes-sys_crisc-needs-fsh.patch
- cris-build-fixes-add-baud-rate-defines.patch
- cris-build-fixes-update-eth_v10c-ethernet-driver.patch
- cris-build-fixes-update-eth_v10c-ethernet-driver-fix.patch
- cris-build-fixes-corrected-and-improved-nmi-and-irq-handling.patch
- cris-build-fixes-fixes-in-arch-cris-kernel-timec-checkpatch-fixes.patch
- cris-build-fixes-fixes-in-arch-cris-kernel-timec.patch
- cris-build-fixes-setupc-needs-paramh.patch
- cris-build-fixes-fix-crisysmsc.patch
- cris-build-fixes-defconfig-updates.patch
- cris-array_size-cleanup.patch
- cris-dont-include-bitopsh-in-posix_typesh.patch
- crisv10-serial-driver-rewrite-take-three.patch
- cris-remove-mtd_amstd-and-mtd_obsolete_chips-take-two.patch
- cris-remove-mtd_amstd-and-mtd_obsolete_chips-take-two-checkpatch-fixes.patch
- crisv10-fix-timer-interrupt-parameters.patch
- crisv10-improve-and-bugfix-fasttimer.patch
- crisv32-add-cache-flush-operations.patch

Merged into mainline or a subsystem tree

+update-checkpatchpl-to-version-012.patch

2.6.24-rc3-mm1

- +file-capabilities-allow-sigcont-within-session-v2.patch
- +cris-build-fixes-atomich-needs-compilerh.patch
- +atmel_spi-labels-gpios-better.patch
- +ps3-prefix-all-ps3-specific-kernel-modules-with.patch
- +ps3fb-video-memory-size-cleanups.patch
- +fix-boot-problem-with-iseres-lacking-hugepage-support.patch
- +uml-build-fix.patch
- +xen-mask-_page_pcd-from-ptes.patch
- +pnp-increase-the-maximum-number-of-resources.patch
- +pnp-increase-the-maximum-number-of-resources-fix.patch
- +proc-fix-null-i_fop-oops.patch
- +wait_task_stopped-dont-use-task_pid_nr_ns-lockless.patch
- +proc-remove-races-from-proc_id_readdir.patch
- +m68k-export-atari_keyb_init.patch
- +amiga-zorro-bus-add-missing-zorro_device_remove.patch
- +mac68k-mailing-list-addresss.patch
- +tpm-tis-device-driver-locality-request.patch
- +termios-document-callback-more-clearly.patch
- +s3c24xx-ensure-we-only-configure-valid-gpios.patch
- +ipmi-add-the-standard-watchdog-timeout-ioctls.patch
- +s3c2410-add-bus-number-to-spi-gpio-driver.patch
- +revert-keyspan-init-termios-properly.patch
- +memory-hotplug-fix-fix-section-mismatch-in-vmammap_alloc_block.patch
- +memory-hotplug-x86_64-fix-section-mismatch-in-init_memory_mapping.patch
- +fuse-fix-reading-past-eof.patch
- +fuse-cleanup-add-fuse_get_attr_version.patch
- +fuse-pass-open-flags-to-read-and-write.patch
- +fuse-fix-fuse_file_ops-sending.patch
- +fuse-fix-uninitialized-field-in-fuse_inode.patch
- +fuse-fix-attribute-caching-after-rename.patch
- +clone-prepare-to-recycle-clone_detached-and-clone_stopped-fix.patch

2.6.24 queue

-x86_64-efi-boot-support-efi-frame-buffer-v3.patch

Folded into x86_64-efi-boot-support-efi-frame-buffer.patch

+git-acpi-fixup.patch

Fix git-acpi.patch rejects

+agk-dm-dm-merge-max_hw_sector.patch

+agk-dm-dm-crypt-move-queue-functions.patch

device mapper tree updates

+gregkh-driver-kset-convert-to-kobj_sysfs_ops-vs-git-acpi.patch

Fix git-acpi versus driver tree

+intel-agp-enable-i915-recognition.patch

AGP fix

+time-fold-__get_realtime_clock_ts-into-getnstimeofday.patch

cleanup

+qlogic-infinipath-convert-ipath_eep_sem-to-mutex.patch

+fix-build-failure-when-config_infiniband_ipoib_cm-is-not-defined.patch

scsi things

+input-pollled-device-timer-rounding.patch

input fix

+pata_sisc-add-packard-bell-easynote-k5305-to-laptops.patch

+ahci-invalid-use-of-writel-readl-with-iomap.patch

+libata-core-list-more-documentation-sources-for-reference.patch

+libata-iordy-handling.patch

+libata-sff-tf_load.patch

+pata_ali-add-mitac-8317-and-derivatives.patch

+pata_ali-lots-of-problems-still-showing-up-with-small-atapi-dma.patch

+pata_hpt37x-fix-cable-detect-bug-spotted-by-sergei.patch

+pata_isapnp-pollled-devices.patch

+pata_pcmcia-minor-cleanups-and-support-for-dual-channel-cards.patch

+pata_ninja32-cardbus-ata-initial-support.patch

+libata-add-toshiba-mk1637gsx-to-spurious-command-completion-list.patch

sata/pata things

+ide-mm-sis5513-add-packard-bell-easynote-k5305-to-laptops.patch

+ide-mm-ide-dont-set-pio-mode-on-pre-ide-drives.patch

+ide-mm-siimage-remove-resetproc-method.patch

+ide-mm-ide-skip-ide_wait_not_busy-on-noprobe-disks.patch

+ide-mm-aec62xx-fix-kernel-oops-in-driver-s-probe-function.patch

+ide-mm-serverworks-cleanup-set_dma_mode-method.patch

+ide-mm-ide-disk-add-idedisk_set_doorlock-helper.patch

+ide-mm-ide-hopefully-fix-udma-for-cs5520.patch

+ide-mm-cy82c693-correct-dma-modes-clipping.patch

+ide-mm-cy82c693-add-set_dma_mode-method.patch

+ide-mm-sgioc4-add-ide_toggle_bounce-calls.patch

+ide-mm-icside-add-ide_toggle_bounce-calls.patch

+ide-mm-au1xxx-ide-add-ide_toggle_bounce-calls.patch

+ide-mm-ide-remove-ide_dma_on-and-dma_off-quietly-methods-from-ide_hwif_t.patch

+ide-mm-ide-cris-fix-dma-methods.patch

+ide-mm-atiixp-remove-dma_host_on-and-dma_host_off-methods.patch

+ide-mm-ide-move-drive-using_dma-check-to-callers-of-dma_host_on-method.patch

+ide-mm-ide-merge-dma_host_-on-off-methods-into-dma_host_set-method.patch

IDE tree updates

+ide-printk-fix.patch

fix it

+git-mips-fixup.patch

Fix rejects in git-mips.patch

+forcedeth-boot-delay-fix.patch

forcedeth fix

-nfs-stop-sillyname-renames-and-unmounts-from-racing.patch

-nfs-stop-sillyname-renames-and-unmounts-from-racing-fix.patch

-nfs-stop-sillyname-renames-and-unmounts-from-racing-fix-fix.patch

-nfs-stop-sillyname-renames-and-unmounts-from-racing-fix-fix-fix.patch

+nfs-stop-sillyname-renames-and-unmounts-from-racing-2.patch

+nfs-fix-up-problems-with-steves-sillyrename-fix.patch

+nfs-fix-nfs_free_unlinkdata.patch

Updated

-git-nfsd-fixup.patch

Unneeded

+git-nfsd-build-fix.patch

fix git-nfsd

+pci-add-pci-quirk-function-for-some-chipsets.patch

+drivers-pci-quirksc-coding-style-cleanup.patch

+more-sanity-checks-for-dmar.patch

+more-sanity-checks-for-dmar-checkpatch-fixes.patch

PCI updates

+pcie-fix-double-initialization-bug.patch

PCIE fix

+dell-cerc-support-for-megaraid_mbox.patch

scsi fix

+iommu-sg-merging-add-device_dma_parameters-structure.patch

+iommu-sg-merging-pci-add-device_dma_parameters-support.patch

+iommu-sg-merging-x86-make-pci-gart-iommu-respect-the-segment-size-limits.patch

+iommu-sg-merging-ppc-make-iommu-respect-the-segment-size-limits.patch

2.6.24-rc3-mm1

- +iommu-sg-merging-ia64-make-sba_iommu-respect-the-segment-size-limits.patch
- +iommu-sg-merging-alpha-make-pci_iommu-respect-the-segment-size-limits.patch
- +iommu-sg-merging-sparc64-make-iommu-respect-the-segment-size-limits.patch
- +iommu-sg-merging-parisc-make-iommu-respect-the-segment-size-limits.patch
- +iommu-sg-merging-call-blk_queue_segment_boundary-in-__scsi_alloc_queue.patch
- +iommu-sg-merging-sata_inic162x-use-pci_set_dma_max_seg_size.patch
- +iommu-sg-merging-aacraid-use-pci_set_dma_max_seg_size.patch

iommu work

- +ti-3410-5052-usb-serial-convert-td_open_close_lock-to-mutex.patch

USB driver cleanup

- +git-x86-fixup.patch
- +git-x86-thread_order-borkage.patch
- +git-x86-thread_order-borkage-fix.patch
- +git-x86-identify_cpu-fix.patch
- +git-x86-memory_add_physaddr_to_nid-export-for-acpi-memhotplugko.patch
- +git-x86-memory_add_physaddr_to_nid-export-for-acpi-memhotplugko-checkpatch-fixes.patch

Fixes to gix-x86.patch

- +x86_64-make-sparsemem-vmemmap-the-default-memory-model-v2.patch

change x86_64 default memory model

- +frv-fix-the-extern-declaration-of-kallsyms_num_syms.patch
- +frv-arrange-things-such-that-bra-can-reach-from-the-trap.patch
- +add-mike-christie-to-maintainers.patch
- +wait_task_stopped-pass-correct-exit_code-to.patch
- +isdn-validate-length-of-isdn_net_ioctl_cfgeaz.patch
- +tty-add-the-new-termios2-ioctls-to-the-compatible.patch
- +acpi-avoid-references-to-impossible-processors.patch

More 2.6.24 queue

- +slub-move-kmem_cache_node-determination-into-add_full-and-add_partial-slub-workaround-for-lockdep-con

Fix slub-move-kmem_cache_node-determination-into-add_full-and-add_partial.patch

- +config_highpte-vs-sub-page-page-tables-fix-2.patch

Fix config_highpte-vs-sub-page-page-tables.patch some more

- +vmstat-small-revisions-to-refresh_cpu_vm_stats.patch
- +mm-dont-allow-ioremapping-of-ranges-larger-than-vmalloc-space.patch
- +page-allocator-get-rid-of-the-list-of-cold-pages.patch
- +page-allocator-get-rid-of-the-list-of-cold-pages-fix.patch
- +mm-sparsec-check-the-return-value-of-sparse_index_alloc.patch

MM updates

+64bit-capability-support-legacy-support-fix.patch

Fix add-64-bit-capability-support-to-the-kernel.patch som emore

+smack-version-11c-simplified-mandatory-access-control-kernel.patch

smack

+m68knommu-removing-config-variable-dumptoflash.patch

m68knommu update

+pm-qos-remove-locks-around-blocking-notifier.patch

Fix PM qos patches

+m68k-array_size-cleanup.patch

+dio-array_size-cleanup.patch

+m68k-balance-ioremap-and-iounmap-in-m68k-atari-hades-pcic.patch

+nubus-kill-drivers-nubus-nubus_symssc.patch

+m68k-kill-arch-m68k-mac-mac_ksymssc.patch

+m68k-kill-arch-m68k-hp300-ksymssc.patch

+m68k-kill-arch-m68k-amiga-amiga_ksymssc.patch

+m68k-kill-arch-m68k-atari-atari_ksymssc.patch

+m68k-kill-arch-m68k-mvme16x-mvme16x_ksymssc.patch

+mac68k-macii-adb-comment-correction.patch

+mac68k-remove-dead-code.patch

+mac68k-add-nubus-card-definitions-and-a-typo-fix.patch

+mac68k-remove-dead-mac_adbkeycodes.patch

m68k stuff

+uml-arch-um-include-inith-needs-a-definition-of-__used.patch

+uml-improve-detection-of-host-cmov-checkpatch-fixes-fix.patch

+uml-tidy-pgtableh-fix.patch

+uml-remove-unused-variables-in-the-context-switcher.patch

+uml-convert-functions-to-void.patch

+uml-host-tls-diagnostics.patch

+uml-move-um_virt_to_phys.patch

+uml-header-untangling.patch

+uml-style-cleanup.patch

+uml-currentth-cleanup.patch

+uml-fix-page-table-data-sizes.patch

+uml-add-virt_to_pte.patch

+uml-simplify-sigsegv-handling.patch

+uml-use-pttrace-directly-in-libc-code.patch

+uml-kill-processes-instead-of-panicing-kernel.patch

+uml-add-missing-space.patch

UML updates

-procfbs-detect-duplicate-names.patch

Updated

+use-__set_task_state-for-traced-stopped-tasks.patch

cleanup

+genericizing-iova-fix.patch

Fix genericizing-iova.patch

-mm-fix-blkdev-size-calculation-in-generic_write_checks.patch

Dropped

+fs-remove-dead-config-config_has_compat_epoll_event-symbol.patch

+alpha-parisc-removing-config-variable-debug_rwlock.patch

+document-i_sync-and-i_datasync.patch

+ps3-checkpatch-drivers-ps3-ps3-sys-managerc.patch

+ps3-checkpatch-drivers-ps3-ps3-vuartc.patch

+percpu-__percpu_alloc_mask-can-dynamically-size-percpu_data.patch

+i-oat-fixups-from-code-comments.patch

+printkc-use-unsigned-ints-instead-of-longs-for-logbuf-index.patch

+tpmc-fix-crash-during-device-removal.patch

+a-few-corrections-to-include-linux-kbuild.patch

+vt-bitlock-fix.patch

+avoid-divide-in-is_align.patch

+do_wait-remove-one-else-if-branch.patch

Misc

+atmel_spi-throughput-improvement.patch

+atmel_spi-chain-dma-transfers.patch

SPI updates

+gigaset-clean-up-urb-status-usage.patch

+gigaset-code-cleanups.patch

+bas_gigaset-suspend-support-v2.patch

+usb_gigaset-suspend-support-v3.patch

+gigaset-atomic-cleanup.patch

ISDN

+rtc-ds1302-rtc-support.patch

+rtc-ds1302-rtc-support-checkpatch-fixes.patch

RTC updates

+generic-gpio-gpio_chip-support-gpiolib-locking-simplified.patch

Fix generic-gpio-gpio_chip-support.patch

+add-buffer-head-related-helper-functions.patch

+ext2-add-block-bitmap-validation.patch

+ext3-add-block-bitmap-validation.patch

+ext4-add-block-bitmap-validation.patch

+ext4-add-block-bitmap-validation-fix.patch

ext2/3/4 runtime checks

-ridiculous-ext3-costs-was-re-page-fault-costs.patch

Dropped

-nfsd-fix-wrong-mnt_writer-count-in-rename.patch

Obsolete

+iget-stop-bfs-from-using-iget-and-read_inode-try-fix.patch

Fix iget-stop-bfs-from-using-iget-and-read_inode-try.patch

+add-dma-engine-driver-for-freescale-mpc85xx-processors-fix-fix.patch

Fix add-dma-engine-driver-for-freescale-mpc85xx-processors.patch

+embed-a-struct-path-into-struct-nameidata-instead-of-nd-dentrymnt-nfs4-fix.patch

Fix embed-a-struct-path-into-struct-nameidata-instead-of-nd-dentrymnt.patch

+use-struct-path-in-struct-svc_export-nfsd-fix-wrong-mnt_writer-count-in-rename.patch

Fix use-struct-path-in-struct-svc_export.patch some more

-suppress-aout-library-support-if-config_binfmt_aout.patch

-suppress-aout-library-support-if-config_binfmt_aout-checkpatch-fixes.patch

-usb-net2280-cant-have-a-function-called.patch

-usb-net2280-cant-have-a-function-called-checkpatch-fixes.patch

-mn10300-allocate-serial-port-uart-ids-for-on-chip-serial.patch

-mn10300-add-the-mn10300-am33-architecture-to-the-kernel.patch

-mn10300-add-the-mn10300-am33-architecture-to-the-kernel-fix.patch

-mn10300-add-the-mn10300-am33-architecture-to-the-kernel-ia64-fix.patch

Dropped

+add-the-namespaces-config-option.patch

+move-the-uts-namespace-under-uts_ns-option.patch

+move-the-ipc-namespace-under-ipc_ns-option.patch

2.6.24-rc3-mm1

- +cleanup-the-code-managed-with-the-user_ns-option.patch
- +cleanup-the-code-managed-with-the-user_ns-option-checkpatch-fixes.patch
- +cleanup-the-code-managed-with-pid_ns-option.patch
- +cleanup-the-code-managed-with-pid_ns-option-checkpatch-fixes.patch
- +mark-net_ns-with-depends-on-namespaces.patch

Namespace updates

- +proc-remove-module_license.patch
- +proc-less-lock-operations-during-lookup.patch
- +proc-simplify-function-prototypes.patch
- +proc-remove-useless-check-on-symlink-removal.patch
- +proc-remove-useless-checks-in-proc_register.patch
- +proc-detect-duplicate-names-on-registration.patch
- +proc-detect-duplicate-names-on-registration-fix.patch
- +proc-implement-proc_single_file_operations.patch
- +proc-rewrite-do_task_stat-to-correctly-handle-pid-namespaces.patch
- +proc-seqfile-convert-proc_pid_statm.patch
- +proc-proper-pidns-handling-for-proc-self.patch

procfs maintenance

- +intel-iommu-pmen-support.patch
- +intel-iommu-fault_reason_index_cleanup.patch
- +intel-iommu-fault_reason_index_cleanup-fix.patch

Intel IOMMU updates

- +tty-let-architectures-override-the-user-kernel-macros.patch
- +tty-s390-support-for-termios2.patch
- +moxa-first-pass-at-termios-reporting.patch
- +n_tty-clean-up-old-code-to-follow-coding-style-and-mostly-checkpatch.patch
- +rocket-first-pass-at-termios-reporting.patch
- +rocket-dont-let-random-users-reset-the-controller.patch
- +tty_audit-fix-checkpatch-complaint.patch
- +tty_io-drag-screaming-into-coding-style-compliance.patch
- +tty_ioctl-drag-screaming-into-compliance-with-the-coding.patch
- +8250_early-coding-style.patch
- +8250_gsc-coding-style.patch
- +8250_hp300-coding-style.patch
- +8250_hub6-coding-style.patch
- +8250_pci-coding-style.patch
- +serial8250-coding-style.patch
- +8250-enable-rate-reporting-via-termios.patch
- +serial_core-bring-mostly-into-line-with-coding-style.patch

tty/serial driver updates

3200 commits in 1255 patch files

2.6.24-rc3-mm1

All patches:

<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.24-rc3/2.6.24-rc3-mm1/patch-list>

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