

## 2.6.25-mm1

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-04/msg07092.html>

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  - *Date:* Fri, 18 Apr 2008 01:47:57 -0700
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<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.25/2.6.25-mm1/>

- git-xf86 is undropped because I finally got around to fixing its clashes with git-vfs.
- git-arm-master, git-sparc64 and perhaps others are dropped because they don't generate a clean pull. They might be empty - I didn't check.
- git-kvm remains dropped due to clashes with git-s390 and perhaps git-x86.
- git-selinux is newly dropped due to memory corruption regressions.
- git-nfs is (perhaps permanently) dropped because its content is also in git-nfsd.
- git-drm remains reverted due to build failures
- Tomorrow I'll do the -mm merge plans email and I'll dump a couple hundred patches on tree maintainers (these have about a 15% yay-he-merged-it rate).

Then I'm travelling for a poorly-timed week. I return late in the merge window to find out if any of these patches still apply.

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
```

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– 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.

– 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 2.6.25-rc8-mm2:

git-acpi.patch  
git-x86.patch  
git-kgdb-light.patch  
git-alsa-tiwai.patch  
git-agpgart.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-dlm.patch  
git-hid.patch  
git-hrt.patch  
git-ia64.patch

git-ieee1394.patch  
 git-infiniband.patch  
 git-input.patch  
 git-jfs.patch  
 git-leds.patch  
 git-libata-all.patch  
 git-async-tx.patch  
 git-mips.patch  
 git-mmc.patch  
 git-mtd.patch  
 git-ubi.patch  
 git-udf.patch  
 git-net.patch  
 git-battery.patch  
 git-nfsd.patch  
 git-ocfs2.patch  
 git-security-testing.patch  
 git-s390.patch  
 git-sched.patch  
 git-sh.patch  
 git-scsi-misc.patch  
 git-block.patch  
 git-unionfs.patch  
 git-v9fs.patch  
 git-vfs.patch  
 git-watchdog.patch  
 git-xfs.patch  
 git-cryptodev.patch  
 git-xtensa.patch  
 git-pekka.patch  
 git-semaphore.patch

#### git trees

-cgroups-include-hierarchy-ids-in-proc-pid-cgroup.patch  
 -rtc-rtc-s35390ac-needs-the-bitreverse-library.patch  
 -eventfd-kaio-integration-fix.patch  
 -i2c-fix-platform-driver-hotplug-coldplug.patch  
 -spi-fix-platform-driver-hotplug-coldplug.patch  
 -usb-gadget-fix-platform-driver-hotplug-coldplug.patch  
 -usb-host-fix-platform-driver-hotplug-coldplug.patch  
 -watchdog-fix-platform-driver-hotplug-coldplug.patch  
 -rtc-fix-platform-driver-hotplug-coldplug.patch  
 -cciss-error-implicit-declaration-of-function-sg\_init\_table.patch  
 -hfs-fix-unlink-of-links.patch  
 -md-close-a-livelock-window-in-handle\_parity\_checks5.patch  
 -pnp-increase-number-of-devices-supported-per-protocol.patch  
 -signalfd-fix-for-incorrect-si\_queue-user-data-reporting.patch  
 -lzo-fix-typo-in-decompressor.patch  
 -generic\_file\_splice\_read-fix-lockups.patch  
 -acpi-unnecessary-to-scan-the-pci-bus-already-scanned.patch

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- git-acpi-revert-suspend-wakeup-code-in-c.patch
- revert-include-asm-x86-i387h-checkpatch-cleanups-formatting-only.patch
- git-x86-revert-x86-fpu-lazy-allocation-of-fpu-area-v5.patch
- git-x86-revert-x86-fpu-split-fpu-state-from-task-struct-v5.patch
- x86\_64-do-not-reserve-ramdisk-two-times.patch
- git-alsa-tiwai-hda\_codec-fix-locking.patch
- usb-audio-fix-another-dallas-quirk.patch
- usb-audio-make-quirk-handling-more-readable-and-fix-commented-out-code.patch
- es1968-fix-jitter-on-some-maestro-cards.patch
- es1968-fix-jitter-on-some-maestro-cards-checkpatch-fixes.patch
- sound-pci-rme9652-hdspmcs-stop-inlining-largish-static-functions.patch
- lmb-add-lmb\_alloc\_nid.patch
- pm-remove-destroy\_suspended\_device.patch
- sysfs-refill-attribute-buffer-when-reading-from-offset-0.patch
- pm-introduce-new-top-level-suspend-and-hibernation-callbacks-rev-7.patch
- pm-introduce-new-top-level-suspend-and-hibernation-callbacks-rev-7-fix.patch
- pm-new-suspend-and-hibernation-callbacks-for-platform-bus-type-rev-3.patch
- pm-new-suspend-and-hibernation-callbacks-for-pci-bus-type-rev-3.patch
- pm-new-suspend-and-hibernation-callbacks-for-pci-bus-type-rev-3-fix.patch
- v4l-common-replace-remaining-\_\_function\_\_-occurrences.patch
- v4l-dvb-replace-remaining-\_\_function\_\_-occurrences.patch
- v4l-video-replace-remaining-\_\_function\_\_-occurrences.patch
- jdelvare-i2c-i2c-ibm\_iic-fast-mode-param-desc-fixup.patch
- jdelvare-i2c-i2c-davinci-01-fix-lost-interrupt.patch
- jdelvare-i2c-i2c-tiny-usb-new-vid-pid-pair.patch
- maple-add-driver-for-sega-dreamcast-controller.patch
- input-put-ledstate-in-the-keyboard-notifier.patch
- aiptekc-add-support-for-genius-g-pen-560-tablet.patch
- ps-2-serio-driver-for-avr32-devices.patch
- input-replace-remaining-\_\_function\_\_-occurrences.patch
- git-libata-all-unbork-drivers-ata-sata\_sx4c.patch
- ide-mm-remove-include-linux-hdsmart-h.patch
- ide-mm-ide-remove-cds-field-from-ide\_hwif\_t.patch
- ide-mm-scc\_pata-add-in-out-put\_data-methods.patch
- ide-mm-au1xxx-ide-add-in-out-put\_data-methods.patch
- ide-mm-ide-h8300-add-in-out-put\_data-methods.patch
- ehea-fix-dlpar-memory-add-support.patch
- gregkh-pci-pci-arm-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-cris-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-frv-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-mips-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-mn10300-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-parisc-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-sh-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-sparc64-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-v850-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-x86-use-generic-pci\_enable\_resources.patch
- gregkh-pci-pci-xtensa-use-generic-pci\_enable\_resources.patch
- revert-gregkh-pci-pci-arm-use-generic-pci\_enable\_resources.patch
- revert-gregkh-pci-pci-cris-use-generic-pci\_enable\_resources.patch
- revert-gregkh-pci-pci-frv-use-generic-pci\_enable\_resources.patch

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-revert-gregkh-pci-pci-mips-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-mn10300-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-parisc-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-ppc-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-sh-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-sparc64-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-v850-use-generic-pci\_enable\_resources.patch  
-revert-gregkh-pci-pci-xtensa-use-generic-pci\_enable\_resources.patch  
-pci-hotplug-fix-leaks-in-ibm-hot-plug-controller-driver-ibmphp\_init\_devno.patch  
-sh-arch-sh-kernel-traps\_32c-needs-asm-fpuh.patch  
-sh-export-empty\_zero\_page.patch  
-aacraid-fix-unchecked-down\_interruptible.patch  
-cfq-iosched-do-not-leak-ioc\_data-across-iosched-switches.patch  
-gregkh-usb-usb-replace-remaining-\_\_function\_\_-occurrences.patch  
-gregkh-usb-usb-remove-unnecessary-type-casting-of-urb-context.patch  
-usb-serial-fix-regression-in-visor-palm-os-module-for-kernels--2624.patch  
-xfs-replace-remaining-\_\_function\_\_-occurrences.patch  
-xfs-replace-\_\_inline-with-inline.patch  
-acpi-bus-check-once-more-for-an-empty-list-after-locking-it.patch  
-acpi-thermal-trip-points-increased-to-12.patch  
-forcedeth-mac-address-fix.patch  
-smc91x-driver-fix-bug-print-warning-only-in-interrupt-mode.patch  
-sc92031-sysfs-link-missing.patch  
-usb-fix-interface-deregistration-during-unbind-operations.patch  
-frv-handle-update\_mmu\_cache-being-called-when-current-mm-is-null.patch  
-frv-move-stack\_top\_max-up.patch  
-frv-add-support-for-emulation-of-userspace-atomic-ops.patch  
-frv-make-nommu-mode-work-with-base-addresses-other-than-0xc0000000.patch  
-frv-dont-make-smp\_r-w-mb-interpolate-membar-when-config\_smp=n.patch  
-usb-serial-more-fixes-and-groundwork-for-tty-changes.patch  
-proc-switch-proc-driver-ray\_cs-ray\_cs-to-seq\_file-interface.patch  
-proc-switch-proc-driver-radio-typhoon-to-seq\_file-interface.patch  
-documentation-patch-tags-one-more-time.patch

Merged into mainline or a subsystem tree.

-revert-x86-fix-call-to-set\_cyc2ns\_scale-from-time\_cpufreq\_notifier.patch

Dropped

+mm-fix-possible-off-by-one-in-walk\_pte\_range.patch  
+dz-test-after-postfix-decrement-fails-in-dz\_console\_putchar.patch  
+disable-the-memory-controller-by-default-v3.patch  
+disable-the-memory-controller-by-default-v3-fix.patch  
+cgroup-fix-a-race-condition-in-manipulating-tsk-cg\_list.patch  
+rtc-pcf8583-build-fix.patch  
+memcggroup-check-and-initialize-page-cgroup-in-memmap\_init\_zone.patch

2.6.25 queue. Whoops. These are tagged for 2.6.25.1.

+hotplug-memory-make-online\_page-common.patch

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+hotplug-memory-make-online\_page-common-fix.patch

memory-hotplug work.

+aio-io\_getevents-should-return-if-io\_destroy-is-invoked.patch

AIO fix.

+acpi-video-balcklist-fujitsu-lifebook-s6410.patch

ACPI fix

+miscacpibacklight-compal-laptop-extras-add-entry-to-maintainers.patch

+miscacpibacklight-compal-laptop-extras-use-bitmask-not-hex.patch

+miscacpibacklight-compal-laptop-extras-add-support-for-new-laptops.patch

+acpi-check-a-return-value-correctly-in-acpi\_power\_get\_context.patch

Update miscacpibacklight-compal-laptop-extras-3rd-try.patch

+thinkpad-acpi-fix-possible-null-pointer-dereference.patch

thinkpad driver fix

+x86\_64-restore-mask\_bits-in-msi-shutdown.patch

+x86-pttrace-pebs-support.patch

+x86-pttrace-pebs-support-warning-fix.patch

+arch-x86-video-fbdevc-add-module\_license.patch

x86 fixes

+git-arm-fix.patch

Fix build in git-arm.patch

+agk-dm-dm-table-improve-unplug-performance.patch

+agk-dm-dm-table-drop-void-suspend\_targets-return.patch

+agk-dm-dm-table-remove-unused-dm\_create\_error\_table.patch

+agk-dm-dm-raid1-use-timer.patch

device mapper tree updates

+macintosh-windfarm-fix-platform-driver-hotplug-coldplug.patch

mac driver fix

+gregkh-driver-uid-should-not-hold-a-reference-to-the-device-s-owner-while-the-device-is-open.patch

+gregkh-driver-pm-remove-destroy\_suspended\_device.patch

+gregkh-driver-sysfs-refill-attribute-buffer-when-reading-from-offset-0.patch

+gregkh-driver-sysfs-add-sys-dev-char-block-to-lookup-sysfs-path-by-major-minor.patch

+gregkh-driver-pm-introduce-new-top-level-suspend-and-hibernation-callbacks.patch

+gregkh-driver-pm-new-suspend-and-hibernation-callbacks-for-platform-bus-type.patch

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+gregkh-driver-pm-new-suspend-and-hibernation-callbacks-for-pci-bus-type.patch

DRiver tree updates

+s2ram-warn-when-interrupts-should-be-disabled-but-are-not.patch

PM debugging

+sysfs-provide-a-clue-about-the-effects-of-config\_usb\_device\_class=y.patch

Make a sysfs warning which shouldn't be coming out look less puzzling.

+revert-git-drm.patch

Revert it via patch so I notice when it gets updated.

+git-dvb-kconfig-fix.patch

git-dvb build fix

+jdelvare-i2c-i2c-bfin-twi-04-driver-description.patch

+jdelvare-i2c-i2c-fix-platform-driver-hotplug-coldplug.patch

I2C tree updates

+input-fix-platform-driver-hotplug-coldplug.patch

Fix hotplugging in input drivers

+ata-ide-fix-platform-driver-hotplug-coldplug.patch

Fix hotplugging

+ide-mm-scc\_pata-c-do-setup-itself-instead-of-ide\_setup\_pci\_device.patch

+ide-mm-ide-make-ide\_pci\_check\_iomem-actually-work.patch

+ide-mm-scc\_pata-ide\_find\_port.patch

+ide-mm-ide-remove-cds-field-from-ide\_hwif\_t-take-2.patch

+ide-mm-ide-add-struct-ide\_dma\_ops-take-3.patch

+ide-mm-ide-add-struct-ide\_io\_ports-take-2.patch

+ide-mm-scc\_pata-add-in-out-put\_data-methods-take-2.patch

+ide-mm-au1xxx-ide-add-in-out-put\_data-methods-take-2.patch

+ide-mm-ide-h8300-add-in-out-put\_data-methods-take-2.patch

+ide-mm-ide-always-use-outbsync-method-for-executing-commands.patch

+ide-mm-ide-floppy-tape-scsi-400ns-delay-is-required-after-executing-the-command.patch

+ide-mm-ide-add-ide\_execute\_pkt\_cmd-helper.patch

+ide-mm-ide-factor-out-debugging-code-from-ide\_tf\_load.patch

+ide-mm-ide-move-ide\_tf\_load-read-to-ide-iops-c.patch

+ide-mm-ide-add-tf\_load-and-tf\_read-methods.patch

+ide-mm-ide-cris-add-tf\_load-read-methods.patch

+ide-mm-ide-h8300-add-tf\_load-read-methods.patch

+ide-mm-scc\_pata-add-tf\_load-read-methods.patch

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- +ide-mm-ns87415-add-tf\_read-method.patch
- +ide-mm-ide-use-ide-io-helpers-directly-in-ide\_tf\_load-read.patch
- +ide-mm-ide-remove-inw-and-outw-methods.patch
- +ide-mm-ide-add-ide\_pad\_transfer-helper.patch
- +ide-mm-ide-skip-vlb-sync-if-host-uses-mmio.patch
- +ide-mm-scc\_pata-add-dma\_host\_set-and-dma\_start-methods.patch
- +ide-mm-ide-remove-dma\_vendor1-3-fields-from-ide\_hwif\_t.patch
- +ide-mm-ide-remove-dma\_prdtable-field-from-ide\_hwif\_t.patch
- +ide-mm-remove-the-broken-etrax\_ide-driver.patch

### IDE tree updates

- +mtd-maps-fix-platform-driver-hotplug-coldplug.patch
- +mtd-nand-fix-platform-driver-hotplug-coldplug.patch

### Fix hotplugging

- +drivers-atm-use-time\_before-time\_before\_eq-etc.patch
- +drivers-net-appletalk-use-time\_before-time\_before\_eq-etc.patch

### net cleanups

- ehea-fix-dlpar-memory-add-support-fix.patch

This got stranded because Jeff merged the base patch but didn't merge my fix to it.

- +net-drivers-fix-platform-driver-hotplug-coldplug.patch
- +net-drivers-fix-platform-driver-hotplug-coldplug-sgiseeq-fix.patch
- +smc911x-test-after-postfix-decrement-fails-in-smc911x\_resetdrop\_pkt.patch
- +smc911x-test-after-postfix-decrement-fails-in-smc911x\_resetdrop\_pkt-checkpatch-fixes.patch

### net driver things

- +blackfin-add-include-boot-gitignore-files.patch

### blackfin fix

- +nfs-fix-potential-null-pointer-dereference-v2.patch
- +nfs-lsm-make-nfsv4-set-lsm-mount-options.patch

### nfs fixes

- +gregkh-pci-pci-x86-use-generic-pci\_enable\_resources.patch
- +gregkh-pci-pci-parisc-use-generic-pci\_enable\_resources.patch
- +gregkh-pci-pci-hotplug-fix-leaks-in-ibm-hot-plug-controller-driver-ibmphp\_init\_devno.patch
- +gregkh-pci-pci-hotplug-fakephp-return-success-not-enodev-when-bus-rescan-is-triggered.patch

### PCI tree updates

- pci-hotplug-introduce-pci\_slot-fix.patch

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- pci-hotplug-introduce-pci\_slot-fix-fix.patch
- pci-hotplug-introduce-pci\_slot-fix-2.patch
- pci-hotplug-introduce-pci\_slot-fix-99.patch
- pci-hotplug-introduce-pci\_slot-fix-3.patch

Folded into pci-hotplug-introduce-pci\_slot.patch

- pci-hotplug-acpi-pci-slot-detection-driver-fix.patch
- drivers-acpi-pci\_slotc-fix-build-with-config\_dmi=n.patch

Folded into pci-hotplug-acpi-pci-slot-detection-driver.patch

- +rcu-add-call\_rcu\_sched.patch
- +rcu-add-memory-barriers-and-comments-to-rcu\_check\_callbacks.patch
- +rcu-add-rcu\_barrier\_sched-and-rcu\_barrier\_bh.patch
- +rcu-add-call\_rcu\_sched-and-friends-to-rcutorture.patch
- +rcu-1q08-rcu-doc-update-add-call\_rcu\_sched.patch

RCU updates

- +scsi-fix-platform-driver-hotplug-coldplug.patch
- +scsi-fix-platform-driver-hotplug-coldplug-sgiwd93-fix.patch

Fix hotplugging

- +mpt-remove-unused-struct-mpt\_proc\_entry\_t.patch
- +drivers-scsi-use-time\_before-time\_before\_eq-etc.patch

scsi driver cleanups

- kconfig-cleanup-block-kconfigiosched-help-descriptions.patch

Dropped due to rejects (I think)

- +gregkh-usb-usb-cp2101-add-new-device-ids.patch
- +gregkh-usb-usb-fix-memory-leak-in-mon\_stat\_release.patch
- +gregkh-usb-checkpatch-usb\_free\_urb-can-take-null.patch
- +gregkh-usb-usb-serial-sierra-add-new-dev-group.patch
- +gregkh-usb-usb-ohci-fix-bug-in-controller-resume.patch
- +gregkh-usb-usb-convert-away-from-urb-status-in-xpad-driver.patch
- +gregkh-usb-usb-root-hubs-don-t-lie-about-their-number-of-tts.patch
- +gregkh-usb-usb-clarify-usage-of-hcd-suspend-resume-methods.patch
- +gregkh-usb-usb-ohci-host-controller-resumes-leave-root-hub-suspended.patch
- +gregkh-usb-usb-replace-remaining-\_\_pretty\_function\_\_-occurrences.patch
- +gregkh-usb-usb-rework-sysfs-removal-of-interface-files.patch
- +gregkh-usb-usb-gadget-section-fixes.patch
- +gregkh-usb-usb-dummy-hcd-use-dynamic-allocation-for-platform\_devices.patch
- +gregkh-usb-usb-at91\_udc-can-prefetch-data.patch
- +gregkh-usb-usb-ehci-shutdown-refactored.patch
- +gregkh-usb-usb-oti6858-fix-tcflsh-ioctl-handling.patch
- +gregkh-usb-usb-r8a66597-hcd-fix-interrupt-transfer-interval.patch

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- +gregkh-usb-usb-r8a66597-hcd-fix-usb-device-connection-timing.patch
- +gregkh-usb-usb-r8a66597-hcd-add-support-for-sh7366-usb-host.patch
- +gregkh-usb-usb-add-extension-of-anchor-api-usb\_unlink\_anchored\_urbs.patch
- +gregkh-usb-usb-remove-superfluous-depends-on-usb\_serial-from-kconfig.patch
- +gregkh-usb-usb-update-comments-about-usb-driver-s-header.patch
- +gregkh-usb-usb-log-an-error-message-when-usb-enumeration-fails.patch
- +gregkh-usb-usb-ehci-qh-qtd-cleanup-comments.patch
- +gregkh-usb-usb-add-documentation-about-usb\_anchor.patch
- +gregkh-usb-usb-optionc-correct-dtr-behaviour.patch
- +gregkh-usb-usb-serial-remove-unneeded-number-endpoints-settings.patch
- +gregkh-usb-usb-serial-remove-endpoints-setting-checks-from-core-and-header.patch
- +gregkh-usb-usb-g\_file\_storage-ignore-bulk-out-data-after-invalid-cbw.patch
- +gregkh-usb-usb-hcbs-use-the-do\_remote\_wakeup-flag.patch
- +gregkh-usb-usb-ohci-turn-off-rd-when-remote-wakeup-is-disabled.patch
- +gregkh-usb-usb-don-t-explicitly-reenable-root-hub-status-interrupts.patch
- +gregkh-usb-usb-add-documentation-about-callbacks.patch
- +gregkh-usb-usb-cdc-acm-signedness-fix.patch
- +gregkh-usb-usb-ehci-qh\_completions-cleanup-and-bugfix.patch
- +gregkh-usb-usb-replace-remaining-\_\_function\_\_-occurrences.patch
- +gregkh-usb-usb-serial-more-fixes-and-groundwork-for-tty-changes.patch
- +gregkh-usb-usb-remove-unnecessary-type-casting-of-urb-context.patch
- +gregkh-usb-wusb-add-the-wireless-usb-stack-to-linux.patch
- +gregkh-usb-wusb-add-whc-rc-radio-control-driver.patch
- +gregkh-usb-wusb-add-hwa-rc-radio-controller-driver.patch
- +gregkh-usb-wusb-add-uwb-core-for-wimedia-link-protocol.patch
- +gregkh-usb-wusb-add-the-i1480-driver.patch
- +gregkh-usb-wusb-add-the-usb-wireless-core-code.patch
- +gregkh-usb-wusb-add-the-usb-wusb-cbaf-driver.patch
- +gregkh-usb-wusb-add-the-usb-wireless-core-host-controller-helper-driver.patch
- +gregkh-usb-wusb-add-hwa-hc-wireless-host-controller-driver.patch

### USB tree updates

- +fix-gregkh-usb-usb-ohci-host-controller-resumes-leave-root-hub-suspended.patch
- +fix-gregkh-usb-wusb-add-the-wireless-usb-stack-to-linux.patch
- +fix-gregkh-usb-usb-hcbs-use-the-do\_remote\_wakeup-flag.patch
- +uwb-seems-to-need-pci.patch

Fix it.

- +git-xfs-fixups.patch

Repair git-xfs

- +aes-x86\_64-asm-implementation-optimization.patch

Make Intel crypto faster than AMD crypto ;)

- git-semaphore-vs-git-x86.patch

Dropped

2.6.25-mm1

+input-replace-remaining-\_\_function\_\_-occurrences.patch

cleanups

+pageflags-standardize-comment-inclusion-in-asm-offsetsh-and-fix-mips.patch

+pageflags-get-rid-of-flags\_reserved-sparc64-fix.patch

Update the page-flags patches in -mm.

+mempolicy-use-mpol\_f\_local-to-indicate-preferred-local-policy-fix.patch

Fix mempolicy-use-mpol\_f\_local-to-indicate-preferred-local-policy.patch

+mm-page\_alloc-remove-hand-coded-get\_order.patch

+mm-fix-broken-gfp\_zone-with-\_\_gfp\_thisnode.patch

+mm-fix-misleading-\_\_gfp\_repeat-related-comments.patch

+page-allcoater-smarter-retry-of-costly-order-allocations.patch

+page-allocator-explicitly-retry-hugepage-allocations.patch

MM work

+uml-make-a-function-static.patch

+uml-remove-a-useless-function.patch

+uml-make-three-functions-static.patch

+uml-make-several-things-static.patch

+arch-um-os-linux-sys-i386-task\_sizec-improve-a-bit.patch

+uml-clean-up-arch-um-drivers-ubd\_kernc.patch

UML updates

+update-checkpatchpl-to-version-018.patch

checkpatch update

+smbh-uses-struct-timespec-but-didnt-include-linux-timeh.patch

smb.h fixlet.

+utimensat-non-conformances-and-fixes.patch

+utimensat-non-conformances-and-fixes-checkpatch-fixes.patch

utimes fixes (awaiting input from Ulrich)

+serial-use-time\_before-time\_before\_eq-etc.patch

+atmel\_serial-remove-duplicated-macro-definition.patch

Serial updates

+capifs-fix-memory-leak-on-remount.patch

## i4l fix

+encryptfs-introduce-device-handle-for-userspace-daemon-communications.patch  
 +encryptfs-integrate-encryptfs-device-handle-into-the-module.patch  
 +encryptfs-integrate-encryptfs-device-handle-into-the-module-printk-fixes.patch  
 +encryptfs-make-key-module-subsystem-respect-namespaces.patch  
 +encryptfs-make-key-module-subsystem-respect-namespaces-fix-refs-to-pid-and-user\_ns.patch  
 +encryptfs-make-key-module-subsystem-respect-namespaces-fix-refs-to-pid-and-user\_ns-fix.patch

## encryptfs updates

+rtc-add-the-support-for-alarm-time-relative-to-current-time-in-sysfs.patch  
 +drivers-char-rtcc-use-time\_before-time\_before\_eq-etc.patch

## RTC updates

+x86-geode-add-virtual-systems-architecture-detection.patch  
 +gfxfb-lxfb-use-vsa-definitions-when-fetching-framebuffer-size.patch  
 +gfxfb-lxfb-detect-framebuffer-size-using-an-msr-if-vsa2-isnt-available.patch  
 +olpc-gxfb-lxfb-add-dcon-panel-modes-to-framebuffer-drivers.patch  
 +olpc-gxfb-lxfb-add-dcon-panel-modes-to-framebuffer-drivers-section-fix.patch

## geode/olpc things

+drivers-video-uvesafb-fix-error-path-memory-leak.patch  
 +fb-convert-proc-fb-to-seq\_file-interface.patch  
 +fb-convert-proc-fb-to-seq\_file-interface-checkpatch-fixes.patch  
 +fbdev-intelfb-add-support-for-the-intel-integrated-graphics-controller-965g-965gm.patch  
 +drivers-video-w100fb-avoid-a-couple-of-error-path-null-derefs.patch  
 +x86-olpc-add-one-laptop-per-child-architecture-support.patch  
 +x86-olpc-add-one-laptop-per-child-architecture-support-fix.patch  
 +x86-olpc-add-one-laptop-per-child-architecture-support-fix-2.patch

## fbdev updates

+raid-remove-leading-tab-on-printk-messages.patch  
 +raid-remove-trailing-space-from-printk-line.patch  
 +drivers-md-use-time\_before-time\_before\_eq-etc.patch  
 +drivers-md-use-time\_before-time\_before\_eq-etc-checkpatch-fixes.patch

## MD updates

+ext2-retry-block-allocation-if-new-blocks-are-allocated-from-system-zone.patch  
 +ext2-retry-block-allocation-if-new-blocks-are-allocated-from-system-zone-comment-typo.patch

## ext3 fix

+ext3-retry-block-allocation-if-new-blocks-are-allocated-from-system-zone.patch  
 +ext3-retry-block-allocation-if-new-blocks-are-allocated-from-system-zone-comment-typo.patch  
 +ext3-fix-mount-messages-when-quota-disabled.patch

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ext3 fixes

+cgroup-api-files-rename-read-write\_uint-methods-to-read\_write\_u64-fix.patch

Fix cgroup-api-files-rename-read-write\_uint-methods-to-read\_write\_u64.patch

+cgroups-add-an-owner-to-the-mm\_struct.patch

cgroups work.

+use-vmalloc-for-mem\_cgroup-allocation-v3.patch

+use-vmalloc-for-mem\_cgroup-allocation-v3-simplification.patch

memcg work

+ptrace\_signal-subroutine.patch

ptrace cleanup

+ext4-fix-mount-messages-when-quota-disabled.patch

ext4 fix

+ipc-sysvsem-implement-sys\_unshareclone\_sysvsem.patch

+ipc-sysvsem-force-unshareclone\_sysvsem-when-clone\_newipc.patch

+ipc-sysvsem-refuse-cloneclone\_sysvsemclone\_newipc.patch

+ipc-sysvsem-refuse-cloneclone\_sysvsemclone\_newipc-cleanup.patch

ipc/namespace work

+ipmi-remove-write\_proc-code.patch

ipmi cleanup

+drivers-char-ds1286c-use-time\_before-time\_before\_eq-etc.patch

char driver cleanup

+s390-tty-prepare-for-put\_char-to-return-success-fail.patch

+serial-m68k-put\_char-returns.patch

+usb-gadget-switch-to-put\_char-returning-int.patch

+amiserial-switch-put\_char-to-return-success-fail.patch

+char-switch-gs-cyclades-and-esp-to-return-int-for-put\_char.patch

+mxser-switch-to-put\_char-being-int.patch

+pcmcia-serial-to-int-put\_char-method.patch

+riscom-rocket-switch-to-int-put\_char-method.patch

+serial167-switch-to-int-put\_char-method.patch

+specialix-switch-to-int-put\_char-method.patch

+synclink-series-switch-to-int-put\_char-method.patch

+consoles-switch-to-int-put\_char-method.patch

+isdn-switch-to-int-put\_char-method.patch

## 2.6.25-mm1

- +pty-prepare-for-tty-ops-changes.patch
- +pc300-update-to-tty\_set\_operations.patch
- +serial-switch-the-serial-core-to-int-put\_char-methods.patch
- +isicom-bring-into-coding-style.patch
- +isicom-bring-into-coding-style-fix.patch
- +tty-the-big-operations-rework.patch
- +tty-the-big-operations-rework-fix-2.patch
- +tty-the-big-operations-rework-isicom-fix.patch
- +tty-the-big-operations-rework-simserial-fix.patch
- +strip-fix-up-strip-for-the-new-order.patch
- +tty-the-big-operations-rework-vs-git-kgdb-light.patch
- +tty-the-big-operations-rework-vs-kgdb-2.patch
- +tty-the-big-operations-rework-broke-wan.patch
- +tty-fix-routine-name-in-ptmx\_open.patch
- +devpts-propagate-error-code-from-devpts\_pty\_new.patch
- +devpts-factor-out-pty-index-allocation.patch
- +devpts-factor-out-pty-index-allocation-fix.patch

TTY driver work.

- +proc-convert-proc-tty-ldiscs-to-seq\_file-interface.patch
- +proc-introduce-proc\_create\_data-to-setup-de-data.patch
- +nfsd-use-proc\_create-to-setup-de-proc\_fops.patch
- +nfs-use-proc\_create-to-setup-de-proc\_fops.patch
- +afs-use-non-racy-method-for-proc-entries-creation.patch
- +ext4-use-non-racy-method-for-proc-entries-creation.patch
- +reiserfs-use-non-racy-method-for-proc-entries-creation.patch
- +jbd2-use-non-racy-method-for-proc-entries-creation.patch
- +sysvipc-use-non-racy-method-for-proc-entries-creation.patch
- +mm-use-non-racy-method-for-proc-swaps-creation.patch
- +sound-use-non-racy-method-for-proc-driver-snd-page-alloc-creation.patch
- +zorro-use-non-racy-method-for-proc-entries-creation.patch
- +samples-use-non-racy-method-for-proc-marker-example-creation.patch
- +scsi-use-non-racy-method-for-proc-entries-creation.patch
- +usb-use-non-racy-method-for-proc-entries-creation.patch
- +s390-use-non-racy-method-for-proc-entries-creation.patch
- +arm-use-non-racy-method-for-proc-davinci\_clocks-creation.patch
- +avr32-proc-use-non-racy-method-for-proc-tlb-creation.patch
- +cris-use-non-racy-method-for-proc-system\_profile-creation.patch
- +ia64-use-non-racy-method-for-proc-entries-creation.patch
- +parisc-use-non-racy-method-for-proc-pcxl\_dma-creation.patch
- +powerpc-use-non-racy-method-for-proc-entries-creation.patch
- +acpi-use-non-racy-method-for-proc-entries-creation.patch
- +netdev-use-non-racy-method-for-proc-entries-creation.patch
- +isdn-use-non-racy-method-for-proc-entries-creation.patch
- +kernel-use-non-racy-method-for-proc-entries-creation.patch
- +parisc-use-non-racy-method-for-proc-entries-creation.patch
- +drivers-use-non-racy-method-for-proc-entries-creation.patch
- +drivers-use-non-racy-method-for-proc-entries-creation-2.patch

procfs work

+kernel-add-common-infrastructure-for-unaligned-access.patch  
 +kernel-move-arches-to-use-common-unaligned-access.patch  
 +drivers-block-use-get\_unaligned\_-helpers.patch  
 +hid-core-use-get\_unaligned\_-helpers.patch  
 +char-use-get\_unaligned\_-helpers.patch  
 +input-use-get\_unaligned\_-helpers.patch  
 +mmc-use-get-put\_unaligned\_-helpers.patch  
 +net-use-get-put\_unaligned\_-helpers.patch  
 +wireless-use-get-put\_unaligned\_-helpers.patch  
 +pcmcia-use-get-put\_unaligned\_-helpers.patch  
 +usb-use-get-put\_unaligned\_-helpers.patch  
 +video-use-get-put\_unaligned\_-helpers.patch  
 +fat-use-get-put\_unaligned\_-helpers.patch  
 +hfsplus-use-get-put\_unaligned\_-helpers.patch  
 +isofs-use-get-put\_unaligned\_-helpers.patch  
 +ncpfs-use-get-put\_unaligned\_-helpers.patch  
 +ncpfs-use-get-put\_unaligned\_-helpers-checkpatch-fixes.patch

unaligned access cleanups

+omap\_rng-minor-updates.patch

rng updates

+relayfs-support-larger-relay-buffer-take-3.patch  
 +relayfs-support-larger-relay-buffer-take-3-cleanup.patch

relatfs update

+aio-remove-misleading-comment-from-ioctx\_lookup.patch

AIO cleanup

+add-kbuildh-that-contains-common-definitions-for-kbuild-users.patch  
 +x86-use-kbuildh.patch  
 +mips-use-kbuildh-instead-of-macros-in-asm-offsetsc.patch  
 +alpha-use-kbuildh-instead-of-macros-in-asm-offsetsc.patch  
 +ia64-use-kbuildh-macros-instead-of-defining-macros-in-asm-offsetsc.patch  
 +arm-use-kbuildh-instead-of-macros-in-asm-offsetsc.patch  
 +xtensa-use-kbuildh-macros-instead-of-defining-them-in-asm-offsetsc.patch  
 +sparc-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +avr32-use-kbuildh-macros-instead-of-defining-macros-in-asm-offsetsc.patch  
 +blackfin-use-kbuildh-instead-of-defining-macros-in-asm-macrosc.patch  
 +frv-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +h8300-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +m68k-m68kmmu-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +mn10300-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +parisc-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +ppc-powerpc-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
 +s390-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch

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+s390-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc-update.patch  
+sh-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch  
+v850-use-kbuildh-instead-of-defining-macros-in-asm-offsetsc.patch

cleanups to asm-offsets.c

+proc-use-non-racy-method-for-proc-page\_owner-creation-page\_owner.patch

procfs cleanup

6045 commits in 1878 patch files

All patches:

<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.25/2.6.25-mm1/>

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