

2.6.17-mm1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-06/msg06190.html>

- *From:* Andrew Morton <akpm@xxxxxxxx>
 - *Date:* Wed, 21 Jun 2006 03:48:57 -0700
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<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.17/2.6.17-mm1/>

- powerpc is bust (on g5, at least). git-klirc is causing nash to fail on startup and some later patch is causing a big crash (I didn't bisect that one – later).
- ia64 doesn't compile for me, due to git-klirc problems (a truly ancient toolchain might be implicated).
- git-sas.patch has been dropped due to build failures.
- git-s390.patch has been dropped due to patching rejects

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 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@xxxxxxxxxxxxxxxxxxxx
```

- 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

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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.

Changes since 2.6.17-rc6-mm2:

origin.patch
git-acpi.patch
git-agpgart.patch
git-alsa.patch
git-block.patch
git-cifs.patch
git-cpufreq.patch
git-dvb.patch
git-gfs2.patch
git-ia64.patch
git-infiniband.patch
git-input.patch
git-jfs.patch
git-kbuild.patch
git-klibc.patch
git-hdrinstall2.patch
git-libata-all.patch
git-netdev-all.patch
git-nfs.patch
git-ocfs2.patch
git-powerpc.patch
git-pcmcia.patch
git-scsi-target.patch
git-supertrak.patch
git-watchdog.patch
git-xfs.patch
git-cryptodev.patch

git trees

–further-alterations-for-memory-barrier-document.patch
–powernow-k8-crash-workaround.patch
–bugfixes-to-get-i2o-working-again.patch
–fix-possible-oops-in-cs4281-irq-handler.patch
–trivial-videodev2h-patch.patch
–zoran-strncpy-cleanup.patch
–scx200_acb-use-pci-i-o-resource-when-appropriate.patch
–i2c-pca954x-i2c-mux-driver.patch
–i2c-pca954x-fix-initial-access-to-first-mux-switch-port.patch

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- ieee1394-video1394-be-quiet.patch
- ieee1394-ohci1394c-function-calls-without.patch
- ieee1394-sbp2-make-tsb42aa9-workaround-specific.patch
- ieee1394-semaphore-to-mutex-conversion.patch
- ieee1394-raw1394-fix-whitespace-after-x86_64.patch
- ieee1394-ieee1394-ohci1394-cycletoolong.patch
- ieee1394-ieee1394-support-for-slow-links-or-slow.patch
- ieee1394-ieee1394-save-ram-by-using-a-single.patch
- ieee1394-sbp2-remove-manipulation-of-inquiry.patch
- ieee1394-sbp2-log-number-of-supported-concurrent.patch
- ieee1394-ieee1394-extend-lowlevel-api-for.patch
- ieee1394-ohci1394-set-address-range-properties.patch
- ieee1394-ohci1394-make-phys_dma-parameter.patch
- ieee1394-sbp2-sbp2-remove-ohci1394-specific.patch
- ieee1394-sbp2-fix-s800-transfers-if-phys_dma-is.patch
- ieee1394-update-feature-removal-of-obsolete.patch
- ieee1394-sbp2-provide-helpertext-for.patch
- ieee1394-sbp2-kconfig-fix.patch
- ieee1394-sbp2-use-__attribute__packed-for.patch
- ieee1394-speed-up-of-dma_region_sync_for_cpu.patch
- ieee1394-sbp2-fix-deregistration-of-status-fifo-address-space.patch
- ieee1394-add-preprocessor-constant-for-invalid-csr.patch
- fix-broken-suspend-resume-in-ohci1394-was-acpi-suspend.patch
- ieee1394_core-switch-to-kthread-api.patch
- eth1394-endian-fixes.patch
- ieee1394-hl_irqs_lock-is-taken-in-hardware.patch
- ieee1394-adjust-code-formatting-in.patch
- git-kbuild-modpost-build-fix.patch
- git-klibc-ia64-build-fix.patch
- git-hdrcleanup.patch
- git-hdrcleanup-fixup.patch
- libata-add-missing-data_xfer-for-pata_pdc2027x-and-pdc_adma.patch
- sata_sil24-endian-annotations.patch
- sdhci-truncated-pointer-fix.patch
- git-netdev-all-fixup.patch
- smc911x-Kconfig-fix.patch
- e1000-prevent-statistics-from-getting-garbled-during-reset.patch
- forcedeth-config-ring-sizes.patch
- forcedeth-config-flow-control.patch
- forcedeth-config-phy.patch
- forcedeth-config-wol.patch
- forcedeth-config-csum.patch
- forcedeth-config-statistics.patch
- forcedeth-config-diagnostics.patch
- forcedeth-config-module-parameters.patch
- forcedeth-config-version.patch
- forcedeth-new-device-ids.patch
- ipw2200-locking-fix.patch
- forcedeth-xmit_lock-went-away.patch
- client-side-nfsacl-caching-fix.patch
- nfs-really-return-status-from-decode_recall_args.patch

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- gregkh-pci-pci-add-pci_cap_id_vndr.patch
- gregkh-pci-pci-fix-pciehp-compile-issue-when-config_acpi-is-not-enabled.patch
- remove-drivers-scsi-constantscscli_print_req_sense.patch
- scsi-remove-documentation-scsi-cpqfctxt.patch
- mpt-fusion-driver-initialization-failure-fix.patch
- drivers-scsi-use-array_size-macro.patch
- hptiop-highpoint-rocketraid-3xxx-controller-driver.patch
- remove-the-scsi_request-interface-from-the-gdth-driver.patch
- git-scsi-target-warning-fix.patch
- mm-x86_64-mm-polling-thread-status-fix.patch
- x86_64-setupc-print-cmp-related-boottime-information.patch
- alpha-generic-hweight-build-fix.patch
- add-__iowrite64_copy.patch
- add-__iowrite64_copy-s390-fix.patch
- inotify-split-kernel-api-from-userspace-support.patch
- inotify-add-names-inode-to-event-handler.patch
- inotify-add-interfaces-to-kernel-api.patch
- inotify-allow-watch-removal-from-event-handler.patch
- inotify-update-kernel-documentation.patch
- sound-vx-pocket-fix-printk-warning.patch

Merged into mainline or a subsystem tree

- +uml-fix-wall_to_monotonic-initialization.patch
- +sparc-build-breakage.patch
- +ntfs-critical-bug-fix-affects-mips-and-possibly-others.patch
- +selinux-add-hooks-for-key-subsystem.patch
- +keys-fix-race-between-two-instantiators-of-a-key.patch
- +suspend_console-warning-fix.patch
- +myri10ge-build-fix.patch

to-merge-asap queue.

- +git-acpi-pre.patch
- +git-acpi-post.patch

Things to make git-acpi easier to apply.

- +git-acpi-fixup.patch

Fix reject due to git-apci.

- +git-acpi-ia64-build-fix.patch

Fix git-acpi build error

- +pnpacpi-reject-acpi_producer-resources.patch
- +acpi-add-ibm-r60e-laptop-to-proc-idle-blacklist.patch
- +acpi-c-states-accounting-of-sleep-states.patch
- +acpi-c-states-bm_activity-improvements.patch
- +acpi-c-states-only-demote-on-current-bus-mastering-activity.patch

ACPI patches.

+acpi-sony-add-fn-hotkey-support.patch

2.6-sony_acpi4.patch feature

+ati-agp-build-fix.patch

Fix git-agpgart.patch

-git-cpufreq-fixup.patch

Unneeded

+gregkh-driver-make_class_name-kobj.patch

+gregkh-driver-device-class.patch

+gregkh-driver-driver-core-add-generic-subsystem-link-to-all-devices.patch

+gregkh-driver-device-symlinks-for-classes.patch

+gregkh-driver-driver-core-make-dev_info-and-friends-print-the-bus-name-if-there-is-no-driver.patch

+gregkh-driver-driver-model-add-isa-bus.patch

driver tree updates

+saa7134-card-lifview3000-ntsc.patch

+tea575x-tuner-build-fix.patch

+git-dvb-versus-matroxfb.patch

+git-dvb-printk-warning-fix.patch

Fix git-dvb.patch

+gregkh-i2c-i2c-opencores-cleanup.patch

+gregkh-i2c-i2c-mark-data-const-for-write-block.patch

+gregkh-i2c-i2c-scx200_acb-use-PCI-IO-resource-when-appropriate.patch

+gregkh-i2c-i2c-scx200_acb-mark-scx200_acb_probe-init.patch

+gregkh-i2c-i2c-scx200_acb-documentation-update.patch

+gregkh-i2c-i2c-i801-01-fix-block-transaction-poll-loops.patch

+gregkh-i2c-i2c-i801-02-remove-force_addr-parameter.patch

+gregkh-i2c-i2c-i801-03-remove-pci-function-check.patch

+gregkh-i2c-i2c-i801-04-cleanups.patch

+gregkh-i2c-i2c-i801-05-better-pci-subsystem-integration.patch

+gregkh-i2c-i2c-i801-06-merge-setup-function.patch

+gregkh-i2c-hwmon-kconfig-header-fix.patch

+gregkh-i2c-hwmon-lm70-new-driver.patch

+gregkh-i2c-hwmon-vid-add-core-and-conroe-support.patch

+gregkh-i2c-i2c-i2c-controllers-go-into-right-place-on-sysfs.patch

I2C tree updates

+i2c-801-64bit-resource-fix.patch

Fix it.

+git-infiniband-fixup.patch

Fix reject in git-infiniband.patch

+input-mouse-sermouse-fix-memleak-and-potential-buffer-overflow.patch

input fix

+revert-sparc-build-breakage.patch

Make git-klibc.patch easier to apply.

+git-klibc-fixup.patch

Fix rejects in git-klibc.patch

-git-hdrinstall.patch

+git-hdrinstall2.patch

Renamed

-revert-sata_sil24-sii3124-sata-driver-endian-problem.patch

Dropped

+git-libata-all-fixup.patch

+git-libata-all-data_xfer-fixes.patch

+git-libata-all-data_xfer-fixes-fixes.patch

+git-libata-pata_cs5535-is-bust.patch

Fix git-libata-all.patch

+via-pata-fails-on-some-atapi-drives.patch

+via-pata-fails-on-some-atapi-drives-tidy.patch

ATA fix

-git-mtd-fixup.patch

Unneeded

+ni5010-netcard-cleanup.patch

netdev cleanup

-git-net-git-klibc-fixup.patch

Unneeded

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- +netpoll-dont-spin-forever-sending-to-blocked-queues.patch
- +netpoll-break-recursive-loop-in-netpoll-rx-path.patch
- +irda-add-some-ibm-think-pads.patch
- +atm-mpcc-warning-fix.patch

net fixes

- +git-nfs-build-fixes.patch
- +nfs-build-fix-99.patch

Fix git-nfs.patch wreckage

- +nfs-remove-nfs_put_link.patch

nfs cleanup

- git-sas.patch

Dropped

- +serial-add-tsi108-8250-serial-support.patch
- +8250_pnp-add-support-for-other-wacom-tablets.patch
- +serial-8250-sysrq-deadlock-fix.patch

Serial things

- +gregkh-pci-64bit-resource-c99-changes-for-struct-resource-declarations.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-sound-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-networks-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-pci-core-and-hotplug-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-mtd-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-ide-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-video-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-pcmcia-drivers.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-arch-and-core-code.patch
- +gregkh-pci-64bit-resource-fix-up-printks-for-resources-in-misc-drivers.patch
- +gregkh-pci-64bit-resource-introduce-resource_size_t-for-the-start-and-end-of-struct-resource.patch
- +gregkh-pci-64bit-resource-change-resource-core-to-use-resource_size_t.patch
- +gregkh-pci-64bit-resource-change-pci-core-and-arch-code-to-use-resource_size_t.patch
- +gregkh-pci-64bit-resource-change-pnp-core-to-use-resource_size_t.patch
- +gregkh-pci-64bit-resource-convert-a-few-remaining-drivers-to-use-resource_size_t-where-needed.patch
- +gregkh-pci-64bit-resource-finally-enable-64bit-resource-sizes.patch
- +gregkh-pci-i386-export-memory-more-than-4g-through-proc-iomem.patch
- gregkh-pci-pci-legacy-i-o-port-free-driver-changes-to-generic-pci-code.patch
- gregkh-pci-pci-legacy-i-o-port-free-driver-update-documentation-pci_txt.patch
- gregkh-pci-pci-legacy-i-o-port-free-driver-make-intel-e1000-driver-legacy-i-o-port-free.patch
- gregkh-pci-pci-legacy-i-o-port-free-driver-make-emulex-lpfc-driver-legacy-i-o-port-free.patch
- gregkh-pci-pci-64-bit-resources-core-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-pci-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-ide-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-media-changes.patch

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- gregkh-pci-pci-64-bit-resources-drivers-net-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-pcmcia-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-others-changes.patch
- gregkh-pci-pci-64-bit-resources-sound-changes.patch
- gregkh-pci-pci-64-bit-resources-arch-changes.patch
- gregkh-pci-pci-64-bit-resources-arch-powerpc-changes.patch
- gregkh-pci-pci-64-bit-resources-more-drivers-others-changes.patch
- gregkh-pci-pci-64-bit-resources-more-sound-changes.patch
- gregkh-pci-pci-64-bit-resources-drivers-pci-changes-sparc32-fix.patch
- gregkh-pci-pci-64-bit-resource-fixup-pci-resource-dbg-code-to-handle-size-change.patch
- gregkh-pci-pci-64-bit-resource-fix-amba-build-warning.patch
- gregkh-pci-pci-64-bit-resources-fix-pnp-sysfs-interface.patch
- gregkh-pci-pci-64-bit-resources-arch-powerpc-changes-update.patch
- gregkh-pci-pci-64-bit-resource-drivers-mips-changes.patch
- gregkh-pci-kconfigurable-resources-core-changes.patch
- gregkh-pci-kconfigurable-resources-driver-pci-changes.patch
- gregkh-pci-kconfigurable-resources-driver-others-changes.patch
- gregkh-pci-kconfigurable-resources-arch-dependent-changes.patch
- gregkh-pci-kconfigurable-resources-arch-dependent-changes-arch.patch
- gregkh-pci-kconfigurable-resources-arch-dependent-changes-arch-q-z.patch
- gregkh-pci-i386-export-memory-more-than-4g-through-proc-iomem.patch
- gregkh-pci-pci-msi-abstractions-and-support-for-altix.patch
- gregkh-pci-pci-per-platform-ia64-_first-last-_device_vector-definitions.patch
- gregkh-pci-pci-altix-msi-support.patch
- gregkh-pci-pci-error-handling-on-pci-device-resume.patch
- +gregkh-pci-pci-hotplug-don-t-use-acpi_os_free.patch
- gregkh-pci-pci-improve-pci-config-space-writeback.patch
- gregkh-pci-pci-reverse-pci-config-space-restore-order.patch
- gregkh-pci-pci-add-pci_assign_resource_fixed-allow-fixed-address-assignments.patch
- gregkh-pci-pci-add-a-enable-sysfs-attribute-to-the-pci-devices-to-allow-userspace-to-enable-devices-witho
- gregkh-pci-pci-don-t-enable-device-if-already-enabled.patch
- gregkh-pci-pci-acpi-rename-the-functions-to-avoid-multiple-instances.patch
- gregkh-pci-pci-ignore-pre-set-64-bit-bars-on-32-bit-platforms.patch
- gregkh-pci-pci-i386-x86_84-disable-pci-resource-decode-on-device-disable.patch
- gregkh-pci-pci-bus-parity-status-broken-hardware-attribute-edac-foundation.patch
- gregkh-pci-pci-hotplug-fix-recovery-path-from-errors-during-pcie_init.patch
- +gregkh-pci-pci-hotplug-fake-null-pointer-dereferences-in-ibm-hot-plug-controller-driver.patch
- +gregkh-pci-pci-hotplug-fix-recovery-path-from-errors-during-pcie_init.patch
- +gregkh-pci-pci-add-pci_cap_id_vndr.patch
- +gregkh-pci-pci-legacy-i-o-port-free-driver-changes-to-generic-pci-code.patch
- +gregkh-pci-pci-legacy-i-o-port-free-driver-update-documentation-pci_txt.patch
- +gregkh-pci-pci-legacy-i-o-port-free-driver-make-intel-e1000-driver-legacy-i-o-port-free.patch
- +gregkh-pci-pci-legacy-i-o-port-free-driver-make-emulex-lpfc-driver-legacy-i-o-port-free.patch
- +gregkh-pci-pci-msi-abstractions-and-support-for-altix.patch
- +gregkh-pci-pci-per-platform-ia64-_first-last-_device_vector-definitions.patch
- +gregkh-pci-pci-altix-msi-support.patch
- +gregkh-pci-pci-ignore-pre-set-64-bit-bars-on-32-bit-platforms.patch
- +gregkh-pci-pci-fix-to-pci-ignore-pre-set-64-bit-bars-on-32-bit-platforms.patch
- +gregkh-pci-pci-add-pci_assign_resource_fixed-allow-fixed-address-assignments.patch
- +gregkh-pci-pci-add-a-enable-sysfs-attribute-to-the-pci-devices-to-allow-userspace-to-enable-devices-witho
- +gregkh-pci-pci-don-t-enable-device-if-already-enabled.patch

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- +gregkh-pci-pci-acpi-rename-the-functions-to-avoid-multiple-instances.patch
- +gregkh-pci-pci-i386-x86_84-disable-pci-resource-decode-on-device-disable.patch
- +gregkh-pci-pci-bus-parity-status-broken-hardware-attribute-edac-foundation.patch
- gregkh-pci-pci-hotplug-fake-null-pointer-dereferences-in-ibm-hot-plug-controller-driver.patch
- +gregkh-pci-pci-fix-memory-leak-in-mmconfig-error-path.patch
- +gregkh-pci-pci-bus-parity-status-sysfs-interface.patch
- +gregkh-pci-pci-fix-issues-with-extended-conf-space-when-mmconfig-disabled-because-of-e820.patch
- +gregkh-pci-pci-nvidia-quirk-to-make-aer-pci-e-extended-capability-visible.patch

PCI tree changes. Some of it was merged, I think.

- mm-gregkh-pci-pci-ignore-pre-set-64-bit-bars-on-32-bit-platforms-fix.patch
- +64-bit-resources-lose-some-ifdefs.patch

Fix it.

- +clear-abnormal-poweroff-flag-on-via-southbridges-fix-resume.patch
- +clear-abnormal-poweroff-flag-on-via-southbridges-fix-resume-fix.patch

VIA fix

- git-pcmcia-fixup.patch
- git-pcmcia-fixup-2.patch

Unneeded

- +com20020_cs-more-device-support.patch
- +kill-open-coded-offsetof-in-cm4000_csc-zero_dev.patch

PCMCIA work

- megaraid_sas-switch-fw_outstanding-to-an-atomic_t.patch
- megaraid_sas-add-support-for-zcr-controller.patch
- megaraid_sas-add-support-for-zcr-controller-fix.patch
- +megaraid_sas-zcr-with-fix.patch

Updated patch

- +megaraid-dell-cerc-ata100-4ch-support.patch

megaraid-old device support.

- +gregkh-usb-airprime.c-add-kyocera-wireless-kpc650-passport-support.patch
- +gregkh-usb-usb-io_edgeport-touch-up.patch
- +gregkh-usb-usb-update-usbmon-fix-glued-lines.patch
- +gregkh-usb-usb-implement-error-event-in-usbmon.patch
- +gregkh-usb-usb-update-usbmontxt.patch
- +gregkh-usb-usb-new-driver-for-cypress-cy7c63xxx-mirco-controllers.patch
- +gregkh-usb-usb-trivial-debug-message-correction-in-gadget-ether-driver.patch
- +gregkh-usb-usb-serial-clean-tty-fields-on-failed-device-open.patch
- +gregkh-usb-usb-gadget-serial-fix-a-deadlock-when-closing-the-serial-device.patch
- +gregkh-usb-usb-gadget-serial-do-not-save-restore-irq-flags-in-gs_close.patch

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- +gregkh-usb-usb-gadget-allow-drivers-support-speeds-higher-than-full-speed.patch
- +gregkh-usb-usb-gadget-fix-compile-errors.patch
- +gregkh-usb-usb-gadget-update-pxa2xx_udc.c-driver-to-fully-support-ixp4xx-platform.patch
- +gregkh-usb-usbserial-fixes-wrong-return-values.patch
- +gregkh-usb-usb-unusual_devs-entry-for-nokia-n80.patch
- +gregkh-usb-usb-whitespace-removal-from-usb-gadget-ether.patch
- +gregkh-usb-usb-move-linux-usb_cdc.h-to-linux-usb-cdc.h.patch
- +gregkh-usb-usb-move-hardware-specific-linux-usb_-.h-to-linux-usb-.h.patch
- +gregkh-usb-usb-move-linux-usb_input.h-to-linux-usb-input.h.patch
- +gregkh-usb-usb-endpoint.patch
- +gregkh-usb-usb-endpoint-pass-struct-device.patch
- +gregkh-usb-usb-endpoint-mess.patch
- +gregkh-usb-usb-devio-class-to-device.patch
- +gregkh-usb-usb-class-device-to-device.patch
- +gregkh-usb-usb-dynamic-usb-class.patch

USB tree updates

- +usb-move-linux-usb_input.h-to-linux-usb-input-fix.patch
- +ehci-fix-bogus-alteration-of-a-local-variable.patch
- +ipaqc-bugfixes.patch
- +ipaqc-timing-parameters.patch
- +ipaqc-timing-parameters-fix.patch

USB things

- +x86_64-mm-twofish-cipher---split-out-common-c-code.patch
- +x86_64-mm-twofish-cipher---priority-fix.patch
- +x86_64-mm-twofish-cipher---i586-assembler.patch
- +x86_64-mm-twofish-cipher---x86_64-assembler.patch
- +x86_64-mm-unify-cpu-boottime-output.patch

x86_64 tree updates

- +revert-x86_64-mm-twofish-cipher---x86_64-assembler.patch
- +revert-x86_64-mm-twofish-cipher---i586-assembler.patch
- +revert-x86_64-mm-twofish-cipher---priority-fix.patch
- +revert-x86_64-mm-twofish-cipher---split-out-common-c-code.patch

Drop most of it again.

- +xfs-remove-dir-check-in-xfs_link.patch
- +xfs-use-container_of-in-vn_from_inode.patch
- +xfs-pass-inode-to-xfs_ioc_space.patch
- +xfs-remove-unused-behaviour-lock.patch

XFS fixlets

- zone-init-check-and-report-unaligned-zone-boundaries.patch
- x86-align-highmem-zone-boundaries-with-numa.patch
- zone-allow-unaligned-zone-boundaries.patch

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-zone-allow-unaligned-zone-boundaries-x86-add-zone-alignment-qualifier.patch
+zone-handle-unaligned-zone-boundaries.patch

Updated patch

+pgdat-allocation-for-new-node-add-export-kswapd-start-func-fix.patch

Fix pgdat-allocation-for-new-node-add-export-kswapd-start-func.patch

+add-page_mkwrite-vm_operations-method-fix.patch

Fix add-page_mkwrite-vm_operations-method.patch

+slab-kmalloc-kzalloc-comments-cleanup-and-fix.patch

+kernel-doc-for-mm-filemapc.patch

+delete-unused-definitions-of-kvaddr_to_nid.patch

+printk-should-not-be-called-under-zone-lock.patch

MM things

-page-migration-simplify-migrate_pages-tweaks.patch

Foded into page-migration-simplify-migrate_pages.patch

-page-migration-detailed-status-for-moving-of-individual-pages.patch

-page-migration-support-moving-of-individual-pages-fixes.patch

Folded into page-migration-support-moving-of-individual-pages.patch

-page-migration-support-moving-of-individual-pages-x86-support-fix.patch

Folded into page-migration-support-moving-of-individual-pages-x86-support.patch

+radix-tree-rcu-lockless-readside.patch

+radix-tree-rcu-lockless-readside-wraning-fix.patch

+radix-tree-rcu-lockless-readside-fix.patch

radix-tree work.

-zoned-vm-counters-per-zone-counter-functionality.patch

-zoned-vm-counters-per-zone-counter-functionality-tidy.patch

-zoned-vm-counters-per-zone-counter-functionality-fix.patch

-zoned-vm-counters-per-zone-counter-functionality-fix-fix.patch

-zoned-vm-counters-include-per-zone-counters-in-proc-vmstat.patch

-zoned-vm-counters-conversion-of-nr_mapped-to-per-zone-counter.patch

-zoned-vm-counters-conversion-of-nr_pagecache-to-per-zone-counter.patch

-zoned-vm-counters-conversion-of-nr_pagecache-to-per-zone-counter-fix.patch

-zoned-vm-counters-use-per-zone-counters-to-remove-zone_reclaim_interval.patch

-zoned-vm-counters-add-per-zone-counters-to-zone-node-and-global-vm-statistics.patch

-zoned-vm-counters-conversion-of-nr_slab-to-per-zone-counter.patch

-zoned-vm-counters-conversion-of-nr_pagetable-to-per-zone-counter.patch

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- zoned-vm-counters-conversion-of-nr_dirty-to-per-zone-counter.patch
- zoned-vm-counters-conversion-of-nr_writeback-to-per-zone-counter.patch
- zoned-vm-counters-conversion-of-nr_unstable-to-per-zone-counter.patch
- zoned-vm-counters-remove-unused-get_page_stat-functions.patch
- zoned-vm-counters-conversion-of-nr_bounce-to-per-zone-counter.patch
- zoned-vm-counters-remove-useless-writeback-structure.patch
- zoned-vm-stats-remove-nr_mapped-from-zone-reclaim.patch
- zoned-vm-stats-add-nr_anon.patch
- light-weight-counters-framework.patch
- light-weight-counters-framework-warning-fixes.patch
- light-weight-counters-framework-fix.patch
- light-weight-counters-framework-s390-fix.patch
- light-weight-counters-framework-s390-fix-fix.patch
- light-weight-counters-framework-s390-fix-fix-fix.patch
- light-weight-counters-framework-arm-fix.patch
- light-weight-counters-framework-uml-fix.patch

Dropped.

- +selinux-add-security-hooks-to-getsetaffinity.patch
- +selinux-add-security-hook-call-to-mediate-attach_task.patch

Wire up SELinux hooks.

- +frv-__user-infrastructure.patch
- +frv-basic-__iomem-annotations.patch
- +frv-signal-annotations.patch
- +frv-sysctl-__user-annotations.patch
- +frv-binfmt_elf_fdpic-__user-annotations.patch
- +frv-misc-__user-annotations.patch
- +frv-misc-sparse-annotations.patch
- +frv-wrong-syscall.patch
- +ext2-xip-wont-build-without-mmu.patch
- +frv-initrd-is-grossly-broken-on-frv-never-built.patch
- +frv-null-noise-removal-in-frv-xchg.patch
- +frv-ieee1394-is-borken-on-frv.patch
- +frv-add-missing-qualifier-to-memcpy_fromio-prototype.patch
- +frv-trivial-cleanups-in-frv_ksymsc.patch
- +frv-clean-frv-unistdh.patch

FRV updates

- +i386-use-c-code-for-current_thread_info.patch
- +i386-extra-checks-in-show_registers.patch
- +via-c7-cpu-flags.patch
- +x86-compile-fix-for-asm-i386-alternativesh.patch
- +clean-up-and-refactor-i386-sub-architecture-setup.patch

x86 updates

- +move-do_suspend_lowlevel-to-correct-segment.patch

suspend fix

+m68k-typo-fix.patch
 +m68k-trapsc-constraints.patch
 +m68k-windfarm-is-powerpc-only-dont-do-it-on-m68k-macs.patch

m68k updates

+s390-move-var-declarations-behind-ifdef.patch

s390 fix

+ufs-missed-brelse-and-wrong-baseblk.patch
 +ufs-one-way-to-access-super-block.patch
 +ufs-fsync-implementation.patch
 +ufs-make-fsck-f-happy.patch
 +ufs-ubh_ll_rw_block-cleanup.patch

More ufs fixes

+readahead-backoff-on-i-o-error.patch
 +readahead-backoff-on-i-o-error-tweaks.patch
 +rcu-documentation-self-limiting-updates-and-call_rcu.patch
 +link-error-when-futexes-are-disabled-on-64bit-architectures.patch
 +cyclades-cleanup.patch
 +cyclades-cleanup-cleanup.patch
 +cleanup-char-esp.c.patch
 +autofs4-need-to-invalidate-children-on-tree-mount-expire.patch
 +update-contact-information-in-credits.patch
 +more-tty-cleanups-in-drivers-char.patch
 +another-couple-of-alterations-to-the-memory-barrier-doc.patch
 +fuse-use-misc_major.patch
 +fuse-no-backgrounding-on-interrupt.patch
 +fuse-add-control-filesystem.patch
 +fuse-add-control-filesystem-printk-fix.patch
 +fuse-add-posix-file-locking-support.patch
 +fuse-ensure-flush-reaches-userspace.patch
 +fuse-rename-the-interrupted-flag.patch
 +fuse-add-request-interruption.patch
 +mark-profile-notifier-blocks-__read_mostly.patch
 +kernel-doc-warn-on-malformed-function-docs.patch
 +ide-floppy-fix-debug-only-syntax-error.patch
 +remove-needless-checks-in-fs-9p-vfs_inodec.patch
 +kernel-doc-for-lib-bitmapc.patch
 +kernel-doc-for-lib-cmdlinec.patch
 +kernel-doc-for-lib-crcc.patch
 +kthread-update-loopc-to-use-kthread.patch
 +kthread-update-loopc-to-use-kthread-fix.patch
 +kthread-convert-lock-to-use-kthread.patch
 +kthread-convert-smbiod.patch

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- +kthread-convert-smbiod-tidy.patch
- +kthread-convert-s390machc-from-kernel_thread.patch
- +initramfs-docs-update.patch
- +cciss-disable-device-when-returning-failure.patch
- +cciss-request-all-pci-resources.patch
- +cciss-announce-cciss%d-devices-with-pci-address-irq-dac-info.patch
- +cciss-use-array_size-without-intermediates.patch
- +cciss-fix-a-few-spelling-errors.patch
- +cciss-remove-parens-around-return-values.patch
- +cciss-run-through-lindent.patch
- +cciss-tidy-up-product-table-indentation.patch
- +i-force-joystick-remove-some-pointless-casts.patch
- +affs_fill_super-%s-abuses-2.patch
- +kthread-convert-stop_machine-into-a-kthread.patch
- +fs-sys_poll-with-timeout-1-bug-fix.patch
- +cpu-hotplug-fix-cpu_up_cancel-handling.patch
- +add-select-gpio_vr41xx-for-tanbac_tb0229.patch
- +#let-even-non-dumpable-tasks-access-proc-self-fd.patch
- +#enable-oprofile-on-pentium-d.patch: Andi had issues
- +enable-oprofile-on-pentium-d.patch
- +implement-at_symlink_follow_flag-for-linkat.patch
- +fix-memory-leak-in-rocketport-rp_do_receive.patch
- +kernel-doc-dont-use-xml-escapes-in-text-or-man-output.patch
- +kernel-doc-use-members-for-struct-fields-consistently.patch
- +reed-solomon-fix-kernel-doc-comments.patch
- +ktime-hrtimer-fix-kernel-doc-comments.patch
- +stop-on-cpu-lost.patch
- +stop-on-cpu-lost-tidy.patch
- +led-add-led-heartbeat-trigger.patch
- +fix-bounds-check-in-vsnpprintf-to-allow-for-a-0-size-and.patch
- +fix-bounds-check-in-vsnpprintf-to-allow-for-a-0-size-and-tidy.patch
- +implement-ksprintf.patch
- +dmi-cleanup-kernel-doc-add-to-docbook.patch
- +kthread-move-kernel-doc-and-put-it-into-docbook.patch
- +irda-usb-printk-fix.patch
- +autofs4-needs-to-force-fail-return-revalidate.patch

Misc patches.

- +keys-sort-out-key-quota-system.patch
- +keys-discard-the-contents-of-a-key-on-revocation.patch
- +keys-let-keyctl_chown-change-a-keys-owner.patch
- +keys-allocate-key-serial-numbers-randomly.patch
- +keys-restrict-contents-of-proc-keys-to-viewable-keys.patch
- +keys-add-a-way-to-store-the-appropriate-context-for-newly-created-keys.patch

Key management API updates

- +reiserfs-remove-reiserfs_aio_write.patch
- +reiserfs-fix-is_reusable_bitmap-check-to-not-traverse-the_bitmap-info-array.patch
- +reiserfs-clean-up_bitmap_block-buffer-head-references.patch

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- +reiserfs-reorganize-bitmap-loading-functions.patch
- +reiserfs-on-demand-bitmap-loading.patch
- +reiserfs-on-demand-bitmap-loading-fix.patch
- +reiserfs-use-generic_file_open-for-open-checks.patch

reiser3 updates

- +per-task-delay-accounting-taskstats-interface-fix-exit-race-in-per-task-delay-accounting.patch

per-task delay accounting fix

- +add-bcm43xx-hw-rng-support-locking-update.patch

Fix add-bcm43xx-hw-rng-support.patch

- +chardev-gpio-for-scx200-pc-8736x-whitespace.patch
- +chardev-gpio-for-scx200-pc-8736x-modernize.patch
- +chardev-gpio-for-scx200-pc-8736x-add-platform_device.patch
- +chardev-gpio-for-scx200-pc-8736x-device-minor.patch
- +chardev-gpio-for-scx200-pc-8736x-put-gpio_dump.patch
- +chardev-gpio-for-scx200-pc-8736x-add-v-command.patch
- +chardev-gpio-for-scx200-pc-8736x-refactor-scx200_probe.patch
- +chardev-gpio-for-scx200-pc-8736x-add-gpio-ops.patch
- +chardev-gpio-for-scx200-pc-8736x-dispatch.patch
- +chardev-gpio-for-scx200-pc-8736x-add-empty.patch
- +chardev-gpio-for-scx200-pc-8736x-migrate-file-ops.patch
- +chardev-gpio-for-scx200-pc-8736x-migrate-gpio_dump.patch
- +chardev-gpio-for-scx200-pc-8736x-add-new-pc8736x_gpio.patch
- +chardev-gpio-for-scx200-pc-8736x-add-platform_device.patch
- +chardev-gpio-for-scx200-pc-8736x-use-dev_dbg.patch
- +chardev-gpio-for-scx200-pc-8736x-fix-gpio_current.patch
- +chardev-gpio-for-scx200-pc-8736x-replace-spinlocks.patch
- +chardev-gpio-for-scx200-pc-8736x-display-pin.patch
- +chardev-gpio-for-scx200-pc-8736x-add-proper.patch

GPIO driver framework.

- +isdnl4linux-gigaset-base-driver-improve-error-recovery.patch
- +isdnl4linux-gigaset-driver-cleanup.patch
- +i4l-gigaset-drivers-add-ioctls-to-compat_ioctlh.patch

i4l driver updates

- mm-implement-swap-prefetching-fix.patch
- mm-implement-swap-prefetching-sched-batch.patch
- swap-prefetch-fix-lru_cache_add_tail.patch
- swap-prefetch-fix-lru_cache_add_tail-tidy.patch
- mm-swap-prefetch-fix-lowmem-reserve-calc.patch

Folded into mm-implement-swap-prefetching.patch

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- swap_prefetch_conversion_of_nr_mapped_to_per_zone_counter.patch
- swap_prefetch_conversion_of_nr_slab_to_per_zone_counter.patch
- swap_prefetch_conversion_of_nr_dirty_to_per_zone_counter.patch
- swap_prefetch_conversion_of_nr_writeback_to_per_zone_counter.patch
- swap_prefetch_conversion_of_nr_unstable_to_per_zone_counter.patch
- swap_prefetch_remove_unused_get_page_stat_functions.patch
- zoned_vm_stats_nr_slab_is_accurate_fix_comment.patch
- swap_prefetch_zoned_vm_stats_add_nr_anon.patch

Dropped.

- +pi-futex-futex_lock_pi-futex_unlock_pi-support-fix.patch

Fix pi-futex-futex_lock_pi-futex_unlock_pi-support.patch

- +cryptfs-dont-muck-with-the-existing-nameidata-structures.patch
- +cryptfs-asm-scatterlisth-linux-scatterlisth.patch
- +cryptfs-support-for-larger-maximum-key-size.patch
- +cryptfs-add-codes-for-additional-ciphers.patch
- +cryptfs-unencrypted-key-size-based-on-encrypted-key-size.patch
- +cryptfs-packet-and-key-management-update-for-variable-key-size.patch
- +cryptfs-add-cryptfs_-prefix-to-mount-options-key-size-parameter.patch
- +cryptfs-set-the-key-size-from-the-default-for-the-mount.patch
- +cryptfs-check-for-weak-keys.patch
- +cryptfs-add-define-values-for-cipher-codes-from-rfc2440-openpgp.patch
- +cryptfs-convert-bits-to-bytes.patch
- +cryptfs-more-elegant-aes-key-size-manipulation.patch
- +cryptfs-more-elegant-aes-key-size-manipulation-tidy.patch
- +cryptfs-more-intelligent-use-of-tfm-objects.patch

cryptfs updates

- +ipc-namespace-core-unshare-fix.patch
- +ipc-namespace-utils-compilation-fix.patch

Update IPC namespace patches in -mm.

- +task-watchers-task-watchers.patch
- +task-watchers-task-watchers-tidy.patch
- +task-watchers-register-process-events-task-watcher.patch
- +task-watchers-refactor-process-events.patch
- +task-watchers-make-process-events-configurable-as.patch
- +task-watchers-allow-task-watchers-to-block.patch
- +task-watchers-register-audit-task-watcher.patch
- +task-watchers-register-per-task-delay-accounting.patch
- +task-watchers-register-profile-as-a-task-watcher.patch
- +task-watchers-add-support-for-per-task-watchers.patch
- +task-watchers-add-support-for-per-task-watchers-warning-fix.patch
- +task-watchers-register-semundo-task-watcher.patch
- +task-watchers-register-per-task-semundo-watcher.patch

API for registering against task lifecycle events.

+ipc-replace-kmalloc-and-memset-in-get_undo_list-with-kzalloc.patch

Cleanup

-readahead-backoff-on-i-o-error.patch

Dropped.

-reiser4-conversion-of-nr_dirty-to-per-zone-counter.patch

Dropped.

+hpt370-clean-up-dma-timeout-handling.patch

+hpt370-clean-up-dma-timeout-handling-cleanup.patch

+pdc202xx_old-depends-on-config_blk_dev_idedma.patch

+remove-code-that-has-long-been-commented-out-from-pdc20265_old.patch

+enable-cdrom-dma-access-with-pdc20265_old.patch

+ide-fix-revision-comparison-in-ide_in_drive_list.patch

IDE updates

+fbdev-fix-logo-rotation-if-width==height.patch

+macmodes-fix-section-warning.patch

+atyfb-fix-section-warnings.patch

fbdev updates

-vt-binding-add-sysfs-support.patch

Dropped.

+vt-binding-add-sysfs-control-to-the-vt-layer.patch

+vt-binding-add-sysfs-control-to-the-vt-layer-fix.patch

+vt-binding-make-vt-binding-a-kconfig-option.patch

+vt-binding-do-not-create-a-device-file-for-class-device.patch

+vt-binding-update-documentation.patch

+vt-binding-make-mdacon-support-binding.patch

+vt-binding-make-newport_con-support-binding.patch

+vt-binding-make-promcon-support-binding.patch

+vt-binding-make-sticon-support-binding.patch

VT binding updates

+statistics-infrastructure-update-4.patch

+statistics-infrastructure-update-5.patch

Update statistics patches in -mm.

+genirq-rename-desc-handler-to-desc-chip-terminate_irqs-fix.patch

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+genirq-allow-usage-of-no_irq_chip.patch
+genirq-ia64-build-fix.patch

genirq fixes

+lock-validator-core-provide-lockdep_off-lockdep_on-apis.patch
+lock-validator-core-provide-lockdep_reinit_key-api.patch
+lock-validator-core-print-info-not-bug.patch
+lock-validator-special-locking-af_unix-undo-af_unix-_bh-locking-changes-and-split-lock-type.patch
+lock-validator-special-locking-af_unix-undo-af_unix-_bh-locking-changes-and-split-lock-type-fix.patch
+lock-validator-annotate-ntfs-locking-rules.patch
+lock-validator-s390-stacktrace-interface.patch
+lock-validator-s390-config_frame_pointer-support.patch
+lock-validator-s390-rwsem-semaphore-changes.patch
+lock-validator-early_init_irq_lock_type--console_init.patch
+lock-validator-s390-irqtrace-support.patch
+lock-validator-__local_bh_enable-_local_bh_enable.patch
+lock-validator-s390-use-raw_spinlock-in-mcck-handler.patch
+lock-validator-add-s390-to-supported-options.patch
+lockdep-avoid-false-positive-illegal-lock-usage-message-in-qeth-driver.patch
+lockdep-hack-around-build-errors.patch

lockdep fixes

-acpi-identify-which-device-is-not-power-manageable-fix.patch

Folded into acpi-identify-which-device-is-not-power-manageable.patch

All 1738 patches:

<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.17/2.6.17-mm1/patch-list>

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