

2.6.2-rc3-mm1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-02/0477.html>

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Date: 02/03/04

Date: Mon, 2 Feb 2004 23:58:17 -0800

To: linux-kernel@vger.kernel.org, linux-mm@kvack.org

<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.2-rc3/2.6.2-rc3-mm1/>

- There is a debug patch in here which detects when someone calls `i_size_write()` without holding the inode's `i_sem`. It generates a warning and a stack backtrace. We know that XFS generates such a trace. It will turn itself off after the first ten warnings. Please don't report the XFS case.
- Added the CPU hotplug code.
- This kernel is currently broken on ppc64. Something to do with the `sched-domains` patch although at this stage we do not know whether the problem lies with that patch or with the ppc64 code.
- A big Altix update
- Latest versions of various other developers' trees. See below for details.
- Various other fixes

Changes since 2.6.2-rc2-mm2:

`linus.patch`

Latest Linus tree

`bk-alsa.patch`

Latest ALSA tree

`bk-netdev.patch`

Latest experimental netdev tree

`bk-input.patch`

Latest input tree

bk-acpi.patch

Latest ACPI tree

bk-usb.patch

Latest USB tree

bk-pci.patch

Latest PCI tree

bk-i2c.patch

Latest i2c tree

bk-driver-core.patch

Latest sysfs/driver core tree

- bk-xfstools.patch
- ppc32-MBX-mac-address-fix.patch
- ppc32-watchdog-defines-fixes.patch
- ppc64-include_guards.patch
- ppc64-lparcfg_write.patch
- ppc64-no_device_tree.patch
- ppc64-ppc32_timer_create.patch
- ppc64-defconfig_update.patch
- ppc64-use-preferred-console.patch
- ppc64-config_h.patch
- ppc64-export_symbols.patch
- ppc64-lparcfg_fixes.patch
- ppc64-slb_rewrite.patch
- ppc64-xmon-sysrq.patch
- ppc64-hugepage-cleanups.patch
- ide-pci-modules-fix.patch
- fix-improve-modular-ide.patch
- ide-pdc4030-build-fix.patch
- ppc32-ide-build-fix.patch
- s390-general-update.patch
- s390-inline-assembly-constraints.patch
- s390-sclp-fixes.patch

Merged

+input-2wheel-mouse-fix.patch

Mouse fix

+acpi-NR_IRQ_VECTORS-build-fix.patch

ACPI build fix (redundant, I think)

+ppc64-__ste_allocate-cleanup.patch

PPC64 cleanup

+get_user_pages-restore-protections.patch

+get_user_pages-restore-protections-fix.patch

Fix interaction between ptrace and MM (probably this will be implemented differently)

-acpi-numa-printk-level-fixes.patch

Merged into the ACPI patch

+kthread_stop-race-fix.patch

Fix a race in the kthread code.

+bitmap-avoid-alloca.patch

Avoid variable-sized local arrays in the bitmap code.

+cpuhotplug-01-cpu_active_map.patch

+cpuhotplug-02-drain_local_pages.patch

+cpuhotplug-03-core.patch

+cpuhotplug-up-fixes.patch

+set_cpus_allowed-fix.patch

+cpuhotplug-04-x86-support.patch

+cpuhotplug-x86-up-fixes.patch

CPU hotplug code.

-increase-NGROUPS-cleanup.patch

Folded into increase-NGROUPS.patch

+increase-NGROUPS-nfsd-cleanup.patch

Fix a few things with nfsd.

+CDROMREADAUDIO-frames-fix.patch

CDROM audio fix

+unneded-dentry-assignment.patch

Kill already-dead code

+export-cpu_2_node.patch

NUMA compile fix

+remove-kmalloc_percpu_init.patch

Dead code

+i_size_write-check.patch

Check for people calling i_size_write() without i_sem.

+sysfs_symlink-needs-i_sem.patch

Take i_sem during sysfs_symlink()

+bd_set_size-i_size-fix.patch

Don't use i_size_write() in here at all

+nfs-d_drop-lowmem.patch

Handle OOM in nfs

+ppp-allocation-fix.patch

Try harder with 4-order allocation in ppp deflate initialisation.

+initramfs-kinit_command.patch

Try to launch /sbin/init if it came in via the initramfs cpio archive.

+access-permissions-fix.patch

Make access() mode posixly correct.

+neofb-warning-fix.patch

Fix a warning.

+snprintf-commentary.patch

Add some comments.

+snprintf-fixes.patch

Add new funtions scnprintf() and vsnprintf() which actually do have the return semantics which the rest of the kernel though snprintf() and vsnprintf() had, then migrate the kernel over to using them.

+devfs-race-fix-cleanup.patch

Fix a devfs race, clean some things up.

+gate_vma-fixes.patch

Fix the "gate" pseudo-vma code again.

+istallion-compile-fix.patch

+moxa-serial-compile-fix.patch

+specialix-compile-fix.patch

+hisax-compile-fix.patch

+dvb-compile-fix.patch

+selinux-compile-fix.patch

Compile fixes for CONFIG_PCI=n

+coredump-memleak-fix.patch

Fix a memleak in the ELF coredump code

+x86_64-boot-fix.patch

Make x86_64 boot with CONFIG_DEBUG_INFO

+O_DIRECT-race-fixes-rollup-use-f_mapping.patch

Use file->f_mapping, not file->f_dentry->d_inode->i_mapping

All 437 patches:

linus.patch

bk-alsa.patch

bk-netdev.patch

bk-input.patch

bk-acpi.patch

bk-usb.patch

bk-pci.patch

bk-i2c.patch

bk-driver-core.patch

mm.patch

add -mmN to EXTRAVERSION

speedo-warning-fix.patch
eepro100.c warning fix

input-2wheel-mouse-fix.patch
input: 2-wheel mouse fix

acpi-NR_IRQ_VECTORS-build-fix.patch

kgdb-ga.patch
kgdb stub for ia32 (George Anzinger's one)
kgdbL warning fix
kgdb buffer overflow fix
kgdbL warning fix
kgdb: CONFIG_DEBUG_INFO fix
x86_64 fixes

kgdb-doc-fix.patch
correct kgdb.txt Documentation link (against 2.6.1-rc1-mm2)

kgdboe-netpoll.patch
kgdb-over-ethernet via netpoll

kgdboe-non-ia32-build-fix.patch

kgdb-warning-fixes.patch
kgdb warning fixes

kgdb-x86_64-support.patch
kgdb-x86_64-support.patch for 2.6.2-rc1-mm3

big-pmac-3.patch

must-fix.patch
must fix lists update
must fix list update
mustfix update

must-fix-update-5.patch
must-fix update

psmouse-drop-timed-out-bytes.patch
psmouse: log and discard timed out bytes

ppc64-__ste_allocate-cleanup.patch
Remove useless argument from __ste_allocate()

ppc64-bar-0-fix.patch
Allow PCI BARs that start at 0

ppc64-reloc_hide.patch

nuke-noisy-printks.patch
quiet down SMP boot messages

invalidate_inodes-speedup.patch
invalidate_inodes speedup
more invalidate_inodes speedup fixes

cfq-4.patch
CFQ io scheduler
CFQ fixes

config_spinline.patch
uninline spinlocks for profiling accuracy.

ramdisk-cleanup.patch

intel8x0-cleanup.patch
intel8x0 cleanups

pdflush-diag.patch

zap_page_range-debug.patch
zap_page_range() debug

get_user_pages-restore-protections.patch
restore protections after forced fault in get_user_pages

get_user_pages-restore-protections-fix.patch

get_user_pages-handle-VM_IO.patch

support-zillions-of-scsi-disks.patch
support many SCSI disks

pci_set_power_state-might-sleep.patch

CONFIG_STANDALONE-default-to-n.patch
Make CONFIG_STANDALONE default to N

extra-buffer-diags.patch

CONFIG_SYSFS.patch
From: Pat Mochel <mochel@osdl.org>
Subject: [PATCH] Add CONFIG_SYSFS

CONFIG_SYSFS-boot-from-disk-fix.patch

slab-leak-detector.patch
slab leak detector

loop-remove-blkdev-special-case.patch

loop-highmem.patch
remove useless highmem bounce from loop/cryptoloop

loop-bio-handling-fix.patch
loop: BIO handling fix

loop-init-fix.patch
loop.c doesn't fail init gracefully

loop-remove-redundant-assignment.patch
loop: remove redundant initialisation

acpi-pm-timer-3.patch
ACPI PM timer version 3

acpi-pm-timer-kill-printks.patch

use-TSC-for-delay_pmtmr-2.patch
Use TSC for delay_pmtmr()

scale-nr_requests.patch
scale nr_requests with TCQ depth

truncate_inode_pages-check.patch

local_bh_enable-warning-fix.patch

pnp-8250_pnp-fix.patch
Fix oops due to 8250_pnp module unload

pnp-resource-flags-reorganisation.patch
pnp: resource flag reorganisation

pnp-BIOS-workaround.patch
PNP: work around BIOS device disabling bugs

pnp-avoid-static-allocations.patch
pnp: avoid static resource allocation requests

pnp-move-ID-declarations.patch
pnp: move device ID declarations

pnp-file2alias-update.patch
pnp: file2alias update

pnp-update-matching-code.patch
pnp: update matching code

pnp-additional-sysfs-info.patch
pnp: add additional sysfs info

pnpcfgcleanup.patch

pnpcfg: Kconfig cleanup

sched-find_busiest_node-resolution-fix.patch

sched: improved resolution in find_busiest_node

sched-domains.patch

sched: scheduler domain support

sched-clock-fixes.patch

fix sched_clock()

sched-build-fix.patch

sched: fix for NR_CPUS > BITS_PER_LONG

sched-sibling-map-to-cpumask.patch

sched: cpu_sibling_map to cpu_mask

p4-clockmod-sibling-map-fix.patch

p4-clockmod sibling_map fix

p4-clockmod-more-than-two-siblings.patch

p4-clockmod: handle more than two siblings

sched-domains-i386-ht.patch

sched: implement domains for i386 HT

sched-find_busiest_group-fix.patch

sched: Fix CONFIG_SMT oops on UP

sched-domain-tweak.patch

i386-sched-domain code consolidation

sched-no-drop-balance.patch

sched: handle inter-CPU jiffies skew

sched-arch_init_sched_domains-fix.patch

Change arch_init_sched_domains to use cpu_online_map

sched-find_busiest_group-clarification.patch

sched: clarify find_busiest_group

sched-remove-noisy-printks.patch

sched-directed-migration.patch

sched_balance_exec(): don't fiddle with the cpus_allowed mask

sched-domain-debugging.patch

sched_domain debugging

ide-siimage-seagate.patch

ide-ali-UDMA6-support.patch

IDE: Add support of UDMA6 on ALi rev > 0xc4

fa311-mac-address-fix.patch

wrong mac address with netgear FA311 ethernet card

laptop-mode-2.patch

laptop-mode for 2.6, version 6

Documentation/laptop-mode.txt

laptop-mode documentation updates

laptop-mode-doc-update-4.patch

Laptop mode documentation addition

vt-locking-fixes-2.patch

VT locking fixes

pid_max-fix.patch

Bug when setting pid_max > 32k

use-soft-float.patch

Use -msoft-float

DRM-cvs-update.patch

DRM cvs update

drm-include-fix.patch

lock_cpu_hotplug-fixes.patch

lock_cpu_hotplug only if CONFIG_CPU_HOTPLUG

kthread-primitive.patch

kthread primitive

kthread_stop-race-fix.patch

Fix race in kthread_stop

kthread-block-all-signals.patch

kthread: block all signals

use-kthread-primitives.patch

Use kthread primitives

module-removal-use-kthread.patch

Module removal to use kthread

kthread-affinity-fix.patch

Affinity of kthread fix

call_usermodehelper-affinity-fix.patch

Affinity of call_usermode_helper fix

limit-hash-table-sizes.patch

Limit hash table size

slab-poison-hex-dumping.patch

slab: hexdump for check_poison

pentium-m-support.patch

add Pentium M and Pentium-4 M options

old-gcc-supports-k6.patch

gcc 2.95 supports -march=k6 (no need for check_gcc)

amd-elan-is-a-different-subarch.patch

AMD Elan is a different subarch

better-i386-cpu-selection.patch

better i386 CPU selection

cpu-options-default-to-y.patch

cpu options default to "yes"

i386-default-to-n.patch

serial-02-fixups.patch

serial fixups (untested)

serial-02 fixes

serial-02 fixes

serial-03-fixups.patch

more serial driver fixups

serial-03 fixes

serial-03 fixes

ia32-MSI-vector-handling-fix.patch

ia32 MSI vector handling fix

aha152x-update.patch

aha152x update

aha152x-update-fix.patch

aha152x update fix

PP0-full_list-RC1.patch

parport fixes [1/5]

PP1-parport_locking-RC1.patch

parport fixes [2/5]

PP2-enumerate1-RC1.patch

parport fixes [3/5]

PP2-enumerate1-RC1-fix.patch

PP3-parport_gsc-RC1.patch
parport fixes [4/5]

PP4-bwqcam-RC1.patch
parport fixes [5/5]

bw-qcam-typo-fix.patch
bw-qcam typo fix

PP5-daisy-RC1.patch
parport fixes [2/5]

PI0-schedule_claimed-RC1.patch
paride cleanups and fixes [1/24]

PI1-expansion-RC1.patch
paride cleanups and fixes [2/24]

PI2-crapectomy-RC1.patch
paride cleanups and fixes [3/24]

PI3-ps_ready-RC1.patch
paride cleanups and fixes [4/24]

PI4-pd_busy-RC1.patch
paride cleanups and fixes [5/24]

PI5-do_pd_io-RC1.patch
paride cleanups and fixes [6/24]

PI6-bogus_requests-RC1.patch
paride cleanups and fixes [7/24]

PI7-claim_reorder-RC1.patch
paride cleanups and fixes [8/24]

PI8-do_pd_request1-RC1.patch
paride cleanups and fixes [9/24]

PI9-run_fsm-RC1.patch
paride cleanups and fixes [10/24]

PI10-action-RC1.patch
paride cleanups and fixes [2/24]

PI11-disconnect-RC1.patch
paride cleanups and fixes [12/24]

- PI12-unclaim-RC1.patch
paride cleanups and fixes [13/24]
- PI13-run_fsm-loop-RC1.patch
paride cleanups and fixes [14/24]
- PI14-next_request-RC1.patch
paride cleanups and fixes [15/24]
- PI15-do_pd_io-gone-RC1.patch
paride cleanups and fixes [16/24]
- PI16-pd_claimed-RC1.patch
paride cleanups and fixes [17/24]
- PI17-connect-RC1.patch
paride cleanups and fixes [18/24]
- PI18-reorder-RC1.patch
paride cleanups and fixes [19/24]
- PI19-special1-RC1.patch
paride cleanups and fixes [20/24]
- PI20-gendisk_setup-RC1.patch
paride cleanups and fixes [21/24]
- PI21-present-RC1.patch
paride cleanups and fixes [22/24]
- PI22-pd_init_units-RC1.patch
paride cleanups and fixes [23/24]
- PI23-special2-RC1.patch
paride cleanups and fixes [24/24]
- PI24-paride64-RC1.patch
paride cleanups and fixes [25/24]
- IMM0-lindent-RC1.patch
drivers/scsi/imm.c cleanups and fixes [1/8]
- IMM1-references-RC1.patch
drivers/scsi/imm.c cleanups and fixes [2/8]
- IMM2-claim-RC1.patch
drivers/scsi/imm.c cleanups and fixes [3/8]
- IMM3-scsi_module-RC1.patch
drivers/scsi/imm.c cleanups and fixes [4/8]

IMM4-imm_probe-RC1.patch
drivers/scsi/imm.c cleanups and fixes [5/8]

IMM5-imm_wakeup-RC1.patch
drivers/scsi/imm.c cleanups and fixes [6/8]

IMM6-imm_hostdata-RC1.patch
drivers/scsi/imm.c cleanups and fixes [7/8]

IMM7-imm_attach-RC1.patch
drivers/scsi/imm.c cleanups and fixes [8/8]

PPA0-ppa_lindent-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [1/9]

PPA1-ppa_references-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [2/9]

PPA2-ppa_claim-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [3/9]

PPA3-ppa_scsi_module-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [4/9]

PPA4-ppa_probe-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [5/9]

PPA5-ppa_wakeup-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [6/9]

PPA6-ppa_hostdata-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [7/9]

PPA7-ppa_attach-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [8/9]

PPA8-ppa_lock_fix-RC1.patch
drivers/scsi/ppa.c cleanups and fixes [9/9]

nfs-01-rpc_pipe_timeout.patch
NFSv4/RPCSEC_GSS: userland upcall timeouts

nfs-02-auth_gss.patch
RPCSEC_GSS: More fixes to the upcall mechanism.

nfs-03-pipe_close.patch
RPCSEC_GSS: detect daemon death

nfs-04-fix_nfs4client.patch
NFSv4: oops fix

nfs-05-fix_idmap.patch
NFSv4: client name fixes

nfs-06-fix_idmap2.patch
NFSv4: Bugfixes and cleanups client name to uid mapper.

nfs-07-gss_krb5.patch
RPCSEC_GSS: Make it safe to share crypto tfms among multiple threads.

nfs-08-gss_missingkfree.patch
RPCSEC_GSS: Oops. Major memory leak here.

nfs-09-memleaks.patch
RPCSEC_GSS: Fix two more memory leaks found by the stanford checker.

nfs-10-refleaks.patch
RPCSEC_GSS: Fix yet more memory leaks.

nfs-11-krb5_cleanup.patch
RPCSEC_GSS: krb5 cleanups

nfs-12-gss_nokmalloc.patch
RPCSEC_GSS: memory allocation fixes

nfs-13-krb5_integ.patch
RPCSEC_GSS: Client-side only support for rpcsec_gss integrity protection.

nfs-14-clnt_seqno_to_req.patch
RPCSEC_GSS: gss sequence number history fixes

nfs-15-encode_pages_tail.patch
XDR: page encoding fix

nfs-16-rpc_clones.patch
RPC: transport sharing

nfs-17-rpc_clone2.patch
NFSv4/RPCSEC_GSS: use RPC cloning

nfs-18-renew_xdr.patch
NFSv4: make RENEW a standalone RPC call

nfs-19-renewd.patch
NFSv4: make lease renewal daemon per-server

nfs-20-fsinfo_xdr.patch
NFSv4: Split the code for retrieving static server information out of the GETATTR compound.

nfs-21-setclientid_xdr.patch
NFSv4: Make SETCLIENTID and SETCLIENTID_CONFIRM standalone operations

nfs-22-errno.patch
NFSv4: errno fixes

nfs-23-open_reclaim.patch
NFSv4: Preparation for the server reboot recovery code.

nfs-24-state_recovery.patch
NFSv4: Basic code for recovering file OPEN state after a server reboot.

nfs-25-soft.patch
RPC/NFSv4: Allow lease RENEW calls to be soft

nfs-26-sock_disconnect.patch
RPC: TCP timeout fixes

nfs-27-atomic_open.patch
NFSv4: Atomic open()

nfs-28-open_owner.patch
NFSv4: Share open_owner structs

nfs-29-fix_idmap3.patch
NFSv4: fix multi-partition mount oops

nfs_idmap-warning-fix.patch

nfs-30-lock.patch
NFSv4: Add support for POSIX file locking.

nfs-old-gcc-fix.patch
NFS: fix for older gcc's

nfs-31-attr.patch
NFSv2/v3/v4: New attribute revalidation code

ghash.patch
ghash.h from 2.4

tty_io-uml-fix.patch
uml: make tty_init callable from UML functions

uml-update.patch
UML update

blk_congestion_wait-return-remaining.patch
return remaining jiffies from blk_congestion_wait()

vmscan-remove-priority.patch
mm/vmscan.c: remove unused priority argument.

kswapd-throttling-fixes.patch
kswapd throttling fixes

vm-rss-limit-enforcement.patch
RSS limit enforcement for 2.6

kbuild-unmangle-include-options.patch
kbuild: Unmangle include options for gcc

sunrpc-sleep_on-removal.patch
remove sleep_on from sunrpc

sisfb-update.patch
sisfb update

add-config-for-mregparm-3-ng.patch
Add CONFIG for -mregparm=3

add-config-for-mregparm-3-ng-fixes.patch
arch/i386/Makefile,scripts/gcc-version.sh,Makefile small fixes

use-funit-at-a-time.patch
Use -funit-at-a-time on ia32

add-noinline-attribute.patch
Add noinline attribute

dont-inline-rest_init.patch
use noinline for rest_init()

kernel_thread_helper-section-fix.patch
Force kernel_thread_helper() into .text

fix-more-gcc-3.4-warnings.patch
Fix more gcc 3.4 warnings

gcc-3.5-netlink.patch
gcc-3.5: netlink

gcc-3.5-packet.patch
gcc-3.5: af_packet

gcc-3.4-string-fixes.patch
string fixes for gcc 3.4

gcc-3.5-bio_phys_segments.patch
gcc-3.5: fix extern inline decls

gcc-3.5-ident-warnings.patch
gcc-3.5: #ident fixes

gcc-35-binfmt_elf-warning-fix.patch
gcc-3.5: binfmt_elf warning fix

gcc-35-pcm_misc-warnings.patch
gcc-3.5: pcm_misc.c warnings

gcc-35-pcm_plugin-warnings.patch

gcc-35-reiserfs-fixes.patch
gcc-3.5: reiserfs fixes

gcc-35-tcp_put_port-fix.patch
gcc-3.5: tcp_put_port() fix

gcc-35-ip6_ndisc-fix.patch
gcc-3.5: ipv6/ndisc.c fixes

gcc-35-ide-fix.patch
gcc-3.5: ide.h fixes

gcc-35-elevator.patch
gcc-3.5: elevator.h fixes

gcc-35-keyboard-fixes.patch
gcc-3.5: keyboard.c fixes

gcc-35-exit-fix.patch
gcc-3.5: _exit fix

gcc-35-parport.patch
Fix inlining failure (all GCCs) in parport

gcc-34-compilation-fixes.patch
More 3.4 compilation fixes

gcc-35-seq_clientmgr.patch
gcc-3.5: sound/core/seq/seq_clientmgr.c

gcc-35-tg3.patch
gcc-3.5: tg3.c warnings

gcc-35-parport2.patch
gcc-3.5: parport warnings

gcc-35-i810_accel.patch
gcc-3.5: i810_accel fix

gcc-35-puts-fix.patch
gcc-3.5: misc.c warning fix

gcc-35-fileystems.patch
gcc-3.5: fsfilter.h, ntfs.h

gcc-35-zatm-fix.patch
gcc-3.5: zatm.c fix

gcc-35-vxfs-idents.patch
gcc-3.5: vxfs fixes

gcc-35-hfs-fix.patch
gcc-3.5: hfs fixes

gcc-35-uPD98402.patch
gcc-3.5: drivers/atm/uPD98402.c

gcc-35-intermezzo.patch
gcc-3.5: intermezzo

gcc-35-iphase.patch
gcc-3.5: iphase.c

gcc-35-suni.patch
gcc-3.5: suni.c

gcc-35-fore2000e.patch
gcc-3.5: drivers/atm/fore2000e.c

gcc-35-ncpfs.patch
gcc-3.5: ncpfs

gcc-35-eni.patch
gcc-3.5: drivers/atm/eni.c

gcc-35-xfx.patch
gcc-3.5: XFS fixes

gcc-35-idt77105.patch
gcc-3.5: drivers/atm/idt77105.c

gcc-35-atmtcp.patch
gcc-3.5: drivers/atm/atmtcp.c

gcc-35-appletalk.patch
gcc-3.5: appletalk

gcc-35-he.patch
gcc-3.5: drivers/atm/he.c

gcc-35-atm-common.patch
gcc-3.5: net/atm/common.c

gcc-35-it87.patch
gcc-3.5: drivers/i2c/chips/it87.c

gcc-35-econet.patch
gcc-3.5: econet

gcc-35-decnet.patch
gcc-3.5: decnet

gcc-35-radeon.patch
gcc-3.5: radeon

gcc-35-sc1200.patch
gcc-3.5: drivers/ide/pci/sc1200.c

gcc-35-ipx.patch
gcc-3.5: ipx

gcc-35-irda.patch
gcc-3.5: irda

gcc-35-raid6x86.patch
gcc-3.5: raid6

gcc-35-mtd.patch
gcc-3.5: mtd

gcc-35-dvb.patch
gcc-3.5: DVB

gcc-35-bonding.patch
gcc-3.5: bonding

gcc-35-ax25.patch
gcc-3.5: ax25

gcc-35-pcmcia.patch
gcc-3.5: PCMCIA

gcc-35-video.patch
gcc-3.5: video

gcc-35-net-key.patch
gcc-3.5: net/key/af_key.c

gcc-35-netrom.patch
gcc-3.5: netrom

gcc-35-llc.patch
gcc-3.5: llc

gcc-35-pnpbios.patch
gcc-3.5: pnpbios

gcc-35-rose.patch
gcc-3.5: net/rose

gcc-35-53c700.patch
gcc-3.5: drivers/scsi/53c700

gcc-35-advansys.patch
gcc-3.5: advansys.c

gcc-35-sctp-attribute_packed-fix.patch
gcc-3.5: sctp

gcc-35-atp870u.patch
gcc-3.5: atp870u.c

gcc-35-gdth.patch
gcc-3.5: gdth.c

gcc-35-pppoe.patch
gcc-3.5: pppoe

gcc-35-fbcon.patch
gcc-3.5: fbcon.c

gcc-35-riva-fbdev.patch
gcc-3.5: drivers/video/riva/fbdev.c

gcc-35-video-cfbimgblt.patch
gcc-3.5: drivers/video/cfbimgblt.c

gcc-35-video-vgastate.patch
gcc-3.5: drivers/video/vgastate.c

gcc-35-traps.patch
gcc-3.5: arch/i386/kernel/traps.c

gcc-35-x86_64.patch
x86-64 fixes for gcc 3.5

bitmap-parsing-printing-v4.patch
bitmap parsing/printing routines, version 4

bitmap-parsing-cleanup.patch
bitmap parsing/printing routines cleanup

bitmap-avoid-alloca.patch
bitmap: avoid using alloca()

non-readable-binaries.patch
Handle non-readable binfmt_misc executables

janitor-09-i387-usercopy-check.patch
i387: handle copy_from_user() error

doc-remove-modules-conf-references.patch
Documentation: remove /etc/modules.conf refs

more-MODULE_ALIASes.patch
add some more MODULE_ALIASes

bonding-alias-revert-and-docco-fix.patch
bonding alias revert and documentation fix

simplify-net_ratelimit.patch
simplify net_ratelimit()

printk-rate_limit-fixes.patch
printk_ratelimit() tweaks

readX_relaxed.patch
add readX_relaxed() interface

kconfig-use-select-2.patch
Kconfig: use select statements

kconfig-remove-enable.patch
kconfig/wireless: Replace enable with select

use-attribute-const-everywhere.patch
use __attribute_const__ everywhere

edd-disksig.patch
EDD: read disk80 MBR signature, export through edd module

edd-url-fix.patch
EDD report URL change

swsusp-stop-DMA-on-resume.patch
swsusp does not stop DMA properly during resume

swsusp-stop-DMA-on-resume-fix.patch

swsusp-trivial-cleanups.patch
Trivial cleanups for swsusp

swsusp-more-cleanups.patch
More cleanups for swsusp

swsusp-software_suspend-retval-fix.patch

Allow software_suspend to fail

swsusp-software_suspend-retval-fix-fix.patch

vmalloc-address-offset-fix.patch

vmalloc address offset fix

hugetlbf_remove_dirent.patch

hugetlbf directory entry cleanup

libfs_timestamp_fixes.patch

libfs mtime/ctime updates

hugetlbf_cleanup.patch

hugetlbf cleanup

console_driver-definition-fix.patch

missing `console_driver' with CONFIG_VT && !CONFIG_VT_CONSOLE

partition-naming-fix.patch

Make naming of partitions in sysfs match /proc/partitions.

ppc32-1000-hz.patch

ppc32: Set HZ to 1000 on ppc32

fix-blockdev-getro.patch

fix blockdev --getro for sr, sd, ide-floppy

remove-kstat-cpu-notifiers.patch

Remove kstat cpu notifiers

workqueue-cleanup-2.patch

Minor workqueue.c cleanup

remove-more-cpu-notifiers.patch

Remove More Unnecessary CPU Notifiers

use-CPU_UP_PREPARE-properly.patch

Use CPU_UP_PREPARE properly

cpuhotplug-01-cpu_active_map.patch

CPU Hotplug: add cpu_active_map

cpuhotplug-02-drain_local_pages.patch

CPU Hotplug: drain downed CPU's local pages

cpuhotplug-03-core.patch

CPU Hotplug: The Core

cpuhotplug-up-fixes.patch
cpuhotplug: UP build fixes

set_cpus_allowed-fix.patch
cpumask fix

cpuhotplug-04-x86-support.patch
CPU Hotplug: i386 support

cpuhotplug-x86-up-fixes.patch
cpuhotplug: x86 UP build fixes

support-wider-consoles.patch
console: support for > 127 chars

remove-valid_addr_bitmap.patch
remove valid_addr_bitmap

osst-warning-fix.patch
osst.c: suppress page allocation failure warnings

init-cpu_vm_mask-in-init_mm.patch
initialise cpu_vm_mask in init_mm

raw-is-obsolete.patch
deprecate the raw driver

sleep_on-needs_lock_kernel.patch
sleep_on(): check for lock_kernel

ncpfs-stack-usage-fix.patch
Fix deep stack usage in ncpfs

remove_suid-fix.patch
remove_suid() fix

md-02-preferred_minor-fix.patch
md: Move the test in preferred_minor to where it is used.

md-03-debugging-output-cleanup.patch
md: Fixes to make debugging output nicer.

md-04-personality-stats-collection.patch
md: Collect device IO statistics for MD personalities.

md-05-device-in-error-printing-fix.patch
md: Change the way the name of an md device is printed in error messages.

proc-partitions-omit-removable-media.patch
/proc/partitions: omit removable media
Mark floppies as being removeable

remove-SIIG-PCI-IDs-from-parport_pc.patch
remove SIIG combo cards PCI ids from parport_pc

i830-agp-pm-fix.patch
Intel i830 AGP fix

remove-memblks.patch
Remove memblks from the kernel

scsi-tape-fixes.patch
SCSI tape cdev fixes

raid-makefile-cleanup.patch
Clean up raid6 kbuild output

fancy-lost-ticks-message.patch
Better "Losing Ticks" Error Message

x86_64-make-xconfig-fix.patch
Fix make xconfig on /lib64 systems

reserve-NUMA-API-syscall-slots.patch
Reserve system calls for NUMA API

posix-timers-fixes.patch
posix_timers fixes

mount-option-overflow-fix.patch
Zero last byte of mount option page.

futex-redundant-test.patch
futex: remove redundant test

CONFIG_SYSRQ-fixes.patch
[janitor] change a few SYSRQ to MAGIC_SYSRQ

dz-verify_area-removal.patch
[janitor] dz: verify_area() removal

oss-c99-fixes.patch
[janitor] sound/oss: use C99 inits.

usb-sddr09-documentation.patch
add comments to sddr09.c

console-makefile-cleanup.patch
console cleanup

oprofile-ringbuffer-wrap-fix.patch
oprofile per-cpu buffer overrun

oprofile-alpha-fix.patch
oprofile, typo in alpha driver

copy_namespace-enomem-fix.patch
copy_namespace ENOMEM fix

vgastate-missing-ionmaps.patch
[janitor] vgastate: cleanup ionmap() usage

vga16fb-missing-ionmap.patch
[janitor] vga16fb: add missing ionmap()

d_path-needs-vfsmount_lock.patch
__d_path needs vfsmount_lock

namei-needs-vfsmount_lock.patch
namei.c: take vfsmount_lock

try-reiserfs-earlier.patch
try reiserfs before other filesystems

ufs-use-silent.patch
UFS: honour 'silent' parameter.

time-rounding-accuracy.patch
Fine tune the time conversion to eliminate conversion errors.

proc-stat-btime-fix-2.patch
/proc/stat:btime fix

menuconfig-choice-display-fix.patch
fix menuconfig choice item help display

use-uint32_t-for-crosscompiling.patch
u_int32_t causes cross-compile problems

ac97-remove-fix.patch
ac97 OSS driver removal fix

is_subdir-locking-fix.patch
is_subdir locking fix

proc_check_root-locking-fix.patch
proc_check_root() locking fix

pcnet32-locking-fix.patch
pcnet32 locking fixes

ide-cd-MO-write-protect.patch
ide-cd mo write protect

nr_free_pages-is-expensive.patch
rate limit nr_free_pages

mmap-use-address-hint.patch
Use address hint in mmap for search

shrink_list-swapcache-check-fix.patch
shrink_list(): check PageSwapCache() after add_to_swap()

as-docco-update.patch
as-iosched.txt update

cscope-use-inverted-index.patch
enable fast symbol lookup via an inverted index in cscope

nfs-server-in-root_server_path.patch
Pull NFS server address out of root_server_path

pcix-enhanced.patch
PCI Express Enhanced Config Patch

Lindent-goodness.patch
Lindent fixed to match reality

increase-NGROUPS.patch
NGROUPS 2.6.2rc2 + fixups
NGROUPS: remove TASK_SIZE usage

increase-NGROUPS-nfsd-cleanup.patch
NGROUPS: nfsd cleanup

intermezzo-NGROUPS-is-broken.patch

move-cpu_vm_mask.patch
Move cpu_vm_mask to be closer to mmu_context_t in struct mm

compat-signal-noarch-2004-01-29.patch

compat-signal-ppc64-2004-01-29.patch

compat-signal-ia64-2004-01-29.patch

pci-scan-all-functions.patch
PCI Scan all functions

CDROMREADAUDIO-frames-fix.patch
CDROMREADAUDIO frames

unneded-dentry-assignment.patch
Remove unneded dentry assignment

export-cpu_2_node.patch
missing export of cpu_2_node

remove-kmalloc_percpu_init.patch
Remove the unused kmalloc_percpu_init()

i_size_write-check.patch

sysfs_symlink-needs-i_sem.patch
sysfs_symlink needs i_sem

bd_set_size-i_size-fix.patch
bd_set_size i_size handling

nfs-d_drop-lowmem.patch
NFS: handle nfs_fhget() error

ppp-allocation-fix.patch
ppp: try harder to allocate the deflate buffer

initramfs-kinit_command.patch
initramfs: look for /sbin/init

access-permissions-fix.patch
fix access() POSIX compliance

neofb-warning-fix.patch
fix compilation warnings in neofb.c

snprintf-commentary.patch
snprintf() commentary

snprintf-fixes.patch
snprintf fixes

devfs-race-fix-cleanup.patch
devfs: race fixes and cleanup

gate_vma-fixes.patch
Fix ptrace in the vsyscall dso area

istallion-compile-fix.patch
istallion compile fix

moxa-serial-compile-fix.patch
Moxa serial compile fixes

specialix-compile-fix.patch
Specialix compile fix

hisax-compile-fix.patch
Hisax compile fix

dvb-compile-fix.patch
DVB compile fix

selinux-compile-fix.patch
SElinux compile fix

coredump-memleak-fix.patch
fix memory leak while coredumping

x86_64-boot-fix.patch
Fix x86-64 boot problem

altix-01.patch
Altix update: various, mainly cleanups

altix-02.patch
Altix update: small cleanups

altix-03.patch
Altix update: misc changes

altix-04.patch
Altix update: add MINIMAL_ATE_FLAG

altix-05.patch
Altix update: io changes

altix-06.patch
Altix update: pcibr_invalidate_ate check

altix-07.patch
Altix update: early_probe_for_widget() improvement

altix-08.patch
Altix update: VGA, keyboard, other changes

altix-09.patch
Altix update: remove pcibr_intr_func()

altix-10.patch
Altix update: irq fixes

altix-11.patch
Altix update: pci_bus_cvlink.c fixes

altix-12.patch
Altix update: pci_bus_cvlink.c fixes

list_del-debug.patch
list_del debug check

print-build-options-on-oops.patch

show_task-free-stack-fix.patch
show_task() fix and cleanup

show_task-fix.patch
show_task() is not SMP safe

oops-dump-preceding-code.patch
i386 oops output: dump preceding code

lockmeter.patch

ia64-lockmeter-fix.patch

4g-2.6.0-test2-mm2-A5.patch
4G/4G split patch
4G/4G: remove debug code
4g4g: pmd fix
4g/4g: fixes from Bill
4g4g: fpu emulation fix
4g/4g usercopy atomicity fix
4G/4G: remove debug code
4g4g: pmd fix
4g/4g: fixes from Bill
4g4g: fpu emulation fix
4g/4g usercopy atomicity fix
4G/4G preempt on vstack
4G/4G: even number of kmap types
4g4g: fix __get_user in slab
4g4g: Remove extra .data.idt section definition
4g/4g linker error (overlapping sections)
4G/4G: remove debug code
4g4g: pmd fix
4g/4g: fixes from Bill
4g4g: fpu emulation fix
4g4g: show_registers() fix
4g/4g usercopy atomicity fix
4g4g: debug flags fix
4g4g: Fix wrong asm-offsets entry
cyclone time fixmap fix
4G/4G preempt on vstack
4G/4G: even number of kmap types
4g4g: fix __get_user in slab
4g4g: Remove extra .data.idt section definition
4g/4g linker error (overlapping sections)
4G/4G: remove debug code
4g4g: pmd fix

4g/4g: fixes from Bill
4g4g: fpu emulation fix
4g4g: show_registers() fix
4g/4g usercopy atomicity fix
4g4g: debug flags fix
4g4g: Fix wrong asm-offsets entry
cyclone time fixmap fix
use direct_copy_{to,from}_user for kernel access in mm/usercopy.c
4G/4G might_sleep warning fix
4g/4g pagetable accounting fix
Fix 4G/4G and WP test lockup
4G/4G KERNEL_DS usercopy again
Fix 4G/4G X11/vm86 oops
Fix 4G/4G athlon triplefault
4g4g SEP fix
Fix 4G/4G split fix for pre-pentiumII machines
4g/4g PAE ACPI low mappings fix

zap_low_mappings-fix.patch
zap_low_mappings() cannot be __init

4g4g-locked-userspace-copy.patch
Do a locked user-space copy for 4g/4g

ppc-fixes.patch
make mm4 compile on ppc

O_DIRECT-race-fixes-rollup.patch
DIO fixes forward port and AIO-DIO fix
O_DIRECT race fixes comments
O_DRIECT race fixes fix fix fix
DIO locking rework
O_DIRECT XFS fix

O_DIRECT-race-fixes-rollup-use-f_mapping.patch

dio-aio-fixes.patch
direct-io AIO fixes
dio-aio fix fix

aio-fallback-bio_count-race-fix-2.patch
AIO+DIO bio_count race fix

aio-sysctl-parms.patch
aio sysctl parms

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