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[Linux Kernel 2.6.24.3 and 2.6.25 RC3 Launched](#)

50% of the changes are in drivers!

Two new versions of the heart of all Linux distributions were released: the stable 2.6.24.3 and the development 2.6.25 RC3 kernel. The developers advise you to update your kernel to the latest version, because of the numerous fixes included in it. **The stable release, 2.6.24.3, comes with the following features and bugfixes:**

- Fixed dl2k constants
- INET_DIAG: Fix inet_diag_lock_handler error path.
- Disable G5 NAP mode during SMU commands on U3
- S390: Fix futex_atomic_cmpxchg_std inline assembly.
- IPCOMP: Fix reception of incompressible packets
- IPCOMP: Fetch nexthdr before ipch is destroyed
- INET: Prevent out-of-sync truesize on ip_fragment slow path
- AUDIT: Increase skb->truesize in audit_expand
- NFS: Fix a potential file corruption issue when writing
- inotify: fix check for one-shot watches before destroying them
- POWERPC: Revert chrp_pci_fixup_vt8231_ata devinit to fix libata on pegasos

Linus Torvalds [announced](#) that most of the updates are in architecture and drivers, as usual. It seems that 37% of the changes are in architecture and 50% in drivers. Speaking of drivers, there are also new ones, like mvsas SCSI, adt7473 and a few for watchdog. The rest of the updates are mostly in networking, documentation and a few related to EFS and XFS filesystems. The SLUB corruption issue in the second release candidate was fixed, although not too many persons noticed it. **Here are some more technical details for 2.6.25 RC3:**

- Add the Intel ICH10 SMBus Controller DeviceID's and updates Tolapai support.
- i2c-pca-isa: Add access check to legacy ioports
- i2c: Storage class should be before const qualifier
- libata-core: fix kernel-doc warning
- sata_fsl: fix build with ATA_VERBOSE_DEBUG
- [NET]: Restore sanity wrt. print_mac().
- Alchemy: compile fix
- pata_atiixp: Use 255 sector limit
- Fix u132-hcd.c compile error
- [NETFILTER]: fix ebtable targets return
- [IP_TUNNEL]: Don't limit the number of tunnels with generic name explicitly.
- [RTNL]: Validate hardware and broadcast address attribute for RTM_NEWLINK
- tg3: ethtool phys_id default
- fix vmsas.c file permissions
- [BNX2]: Disable parallel detect on an HP blade.

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