

[resend] [git pull] drm tree for 2.6.19-rc1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-09/msg08975.html>

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 - *Date:* Sat, 30 Sep 2006 03:37:16 +0100 (IST)
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Hi Linus,

This is the DRM tree, the main work is the addition of simpler clean memory manager which fixes a lot of problems for Via and Sis users and the Intel 965 support.

Please pull from 'drm-patches' branch of
[git://git.kernel.org/pub/scm/linux/kernel/git/airlied/drm-2.6.git](http://git.kernel.org/pub/scm/linux/kernel/git/airlied/drm-2.6.git) drm-patches

to receive the following updates:

```
drivers/char/drm/Kconfig | 9 -
drivers/char/drm/Makefile | 6
drivers/char/drm/drmP.h | 68 +++++-
drivers/char/drm/drm_auth.c | 64 +-----
drivers/char/drm/drm_bufs.c | 74 +++----
drivers/char/drm/drm_drv.c | 12 +
drivers/char/drm/drm_fops.c | 10 -
drivers/char/drm/drm_hashtab.c | 190 ++++++
drivers/char/drm/drm_hashtab.h | 67 ++++++
drivers/char/drm/drm_ioc32.c | 2
drivers/char/drm/drm_ioctl.c | 34 ++-
drivers/char/drm/drm_irq.c | 12 +
drivers/char/drm/drm_mm.c | 201 ++++++
drivers/char/drm/drm_pciids.h | 187 ++++++-----
drivers/char/drm/drm_proc.c | 2
drivers/char/drm/drm_sman.c | 352 ++++++
drivers/char/drm/drm_sman.h | 176 ++++++
drivers/char/drm/drm_stub.c | 12 -
drivers/char/drm/drm_vm.c | 45 +--
drivers/char/drm/i810_dma.c | 10 -
drivers/char/drm/i830_dma.c | 4
drivers/char/drm/i915_dma.c | 45 +++
drivers/char/drm/i915_drm.h | 6
drivers/char/drm/i915_drv.h | 10 -
drivers/char/drm/i915_irq.c | 16 +
drivers/char/drm/radeon_cp.c | 72 +++----
drivers/char/drm/radeon_drv.c | 2
```

```
drivers/char/drm/radeon_drv.h | 36 ++-
drivers/char/drm/radeon_state.c | 48 ++--
drivers/char/drm/sis_drv.c | 39 +++
drivers/char/drm/sis_drv.h | 34 ++-
drivers/char/drm/sis_ds.c | 299 -----
drivers/char/drm/sis_ds.h | 146 -----
drivers/char/drm/sis_mm.c | 504 ++++++-----
drivers/char/drm/via_dmablit.c | 68 +++--
drivers/char/drm/via_drm.h | 8 +
drivers/char/drm/via_drv.c | 3
drivers/char/drm/via_drv.h | 16 +
drivers/char/drm/via_ds.c | 273 -----
drivers/char/drm/via_ds.h | 104 -----
drivers/char/drm/via_map.c | 9 +
drivers/char/drm/via_mm.c | 375 ++++++-----
42 files changed, 1878 insertions(+), 1772 deletions(-)
create mode 100644 drivers/char/drm/drm_hashtab.c
create mode 100644 drivers/char/drm/drm_hashtab.h
create mode 100644 drivers/char/drm/drm_mm.c
create mode 100644 drivers/char/drm/drm_sman.c
create mode 100644 drivers/char/drm/drm_sman.h
delete mode 100644 drivers/char/drm/sis_ds.c
delete mode 100644 drivers/char/drm/sis_ds.h
delete mode 100644 drivers/char/drm/via_ds.c
delete mode 100644 drivers/char/drm/via_ds.h
```

Adrian Bunk:
drm: cleanups

Alan Hourihane:
drm: Add support for Intel i965G chipsets.

Andrew Morton:
drm: remove FALSE/TRUE that snuck in with simple memory manager changes.
drm: fix i965 build bug

Chuck Short:
drm: allow detection of new VIA chipsets

Dave:
drm: remove local copies of pci bus/slot/func

Dave Airlie:
drm: cleanup old compat code and DRM fns from Linux only code
drm: remove the DRM pci domain
drm: Add the P4VM800PRO (?) PCI ID.
drm: fix return value in auth function
drm: remove a tab that snuck in
drm: add better explanation for i830/i915
drm: realign via driver with drm git tree
drm: realign some radeon code with drm git tree

drm: fixup i915 error codes
drm: fixup setversion return codes..
drm: domain changes broke ppc r200
drm: use radeon specific names for radeon flags

Denis Vlasenko:

drm: i810_dma.c: fix pointer arithmetic for 64-bit target

Eric Anholt:

drm: add device/vendor id to drm_device_t for compat with FreeBSD drivers

Michel Daenzer:

drm: fd.o Bug #7595: Avoid u32 overflows in radeon_check_and_fixup_offset().
drm: Use register writes instead of BITBLT_MULTI packets for buffer swap blits

Michel DÄnzer:

drm: radeon: add some debug output when getparam is called with unknown
drm: radeon: implement RADEON_PARAM_SCRATCH_OFFSET getparam
drm: radeon: fix up bus mastering when writeback is disabled
drm: radeon: Use RADEON_RB3D_DSTCACHE_CTLSTAT instead of
RADEON_RB2D_DSTCACHE_CTLSTAT.

Thomas Hellstrom:

drm: missing mutex unlock
drm: add simple DRM memory manager, and hash table
drm: add drm simple memory manager support for SiS and VIA drivers
drm: move drm authentication to new generic hash table.
drm: update user token hashing and map handles
drm: SiS 315 Awareness.
drm: avoid kernel oops in some error paths calling drm_lastclose
drm: remove hash tables on drm exit
drm: Fix hashtable implementation leaking illegal error codes to user space.
drm: allow multiple addMaps with the same 32-bit map offset.