

[git pull] drm tree with driver changes for 2.6.22-rc1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-05/msg03444.html>

- *From:* Dave Airlie <airlied@xxxxxxxx>
 - *Date:* Tue, 8 May 2007 07:16:21 +0100 (IST)
-

Hi Linus,

Please pull the 'drm-patches' branch from
`git://master.kernel.org/pub/scm/linux/kernel/git/airlied/drm-2.6.git` `drm-patches`

This contains updates to the radeon and via drm drivers and cleans up the ati pcigart code in order to add support for the integrated rs480 chipsets.

It also pulls in some fixes for via and radeon drivers from the DRI teams.

Hopefully I got the diffstat correct..

Dave.

```
drivers/char/drm/ati_pcigart.c | 84 ++++++-----
drivers/char/drm/drmP.h | 7 +-
drivers/char/drm/drm_drv.c | 10 ++--
drivers/char/drm/drm_os_linux.h | 3 -
drivers/char/drm/drm_pciids.h | 1 +
drivers/char/drm/r128_cce.c | 3 +-
drivers/char/drm/r128_drv.h | 2 +
drivers/char/drm/radeon_cp.c | 71 ++++++-----
drivers/char/drm/radeon_drm.h | 1 +
drivers/char/drm/radeon_drv.h | 24 ++++++--
drivers/char/drm/radeon_state.c | 52 ++++++-----
drivers/char/drm/via_dma.c | 111 ++++++-----
drivers/char/drm/via_drv.h | 5 +-
13 files changed, 222 insertions(+), 152 deletions(-)
```

commit ef68d295508d52e792abf70d4f84461104d33b9d
Author: Thomas Hellstrom <thomas-at-tungstengraphics-dot-com>
Date: Tue May 8 15:48:39 2007 +1000

via: Make sure we flush write-combining using a follow-up read.

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>

[git pull] drm tree with driver changes for 2.6.22-rc1

commit a0a6dd0b221260be1e3da725e6b49797e5fa7429
Author: Thomas Hellstrom <thomas-at-tungstengraphics-dot-com>
Date: Tue May 8 15:47:41 2007 +1000

via: Try to improve command-buffer chaining.

Bump driver date and patchlevel.

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>

commit bc07dc7f07a2f2d4d0aa4ffb9597413ad9137d44
Author: Dave Airlie <airlied@xxxxxxxx>
Date: Tue May 8 15:32:35 2007 +1000

drm: remove old taskqueue remnant

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>

commit 0515b93c0ea89eb2120b0ec1d148359da01ad2e5
Author: Dave Airlie <airlied@xxxxxxxx>
Date: Tue May 8 15:28:15 2007 +1000

drm: rename badly named define and cleanup ioctl code spacing

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>

commit 453ff94ca502d0a7441912823f20ed130f685429
Author: Michel D'Änzer <michel@xxxxxxxxxxxxxxxxxxxxxxxx>
Date: Tue May 8 15:21:14 2007 +1000

radeon: Don't mess up page flipping when a file descriptor is closed.

There can still be other contexts that may use page flipping later on, so do just unilaterally 'clean it up', which could lead to the wrong page being displayed, e.g. when running 3D apps with a GLX compositing manager such as compiz using page flipping.

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>

commit f2b04cd219e5c0f1214c0eeec814ddd08a12c1b
Author: Dave Airlie <airlied@xxxxxxxx>
Date: Tue May 8 15:19:23 2007 +1000

drm/radeon: upgrade to 1.27 - make PCI GART more flexible

radeon: make PCI GART aperture size variable, but making table size variable

[git pull] drm tree with driver changes for 2.6.22-rc1

This is precursor to getting a TTM backend for this stuff, and also allows the PCI table to be allocated at fb 0
radeon: add support for reverse engineered xpress200m

The IGPGART setup code was traced using mmio-trace on fglrx by myself and Phillip Ezolt <phillipezolt@xxxxxxxx> on dri-devel.

This code doesn't let the 3D driver work properly as the card has no vertex shader support.

Thanks to Matthew Garrett + Ubuntu for providing me some hardware to do this work on.

Signed-off-by: Dave Airlie <airlied@xxxxxxxx>