

[patch 000/176] Video4Linux Updates

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/0335.html>

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Lots of changes on V4L since 2.6.13.

As we have 2 Mb on 176 patches, I'll not send all of these to the LKML list. These are available at <http://www.linuxtv.org/downloads/video4linux/patches/2.6.14/>

Patch v4l_896.patch depends on DVB patchset series.

Relevant changes:

- Support for em28xx based usb2 boards;
- Several new boards added;
- Several cleanups;
- Newer decoders added;
- Newer audio processors added.

We are also preparing to integrate ivtv drivers on kernel. Some changes are made to prepare

Cheers,

Mauro.

Summary of changes:

- Added support for OEM version of FlyTV Platinum mini
- Added new Avermedia card 550
- Added Behold TV 409 FM
- Capitalized hex A-F changed to lowercase in pci subsystem id constants
- Implemented the v4l2 mpeg api for blackbird cards.
- Climov's previous patch <missing changelog entry>:
- Implemented TUNER_SET_STANDBY on cx88 init.
- Add bttv card 137 - Conceptronic CTVFMI v2
- Don't enable gpioirq until after card probe.
- Added new card GoTView PCI 7135
- Fixed typos
- Strip trailing whitespace
- Use KEY_MEDIA instead of KEY_VIDEOMODESWITCH
- Lower switch from VHF_LO to VHF_HI for Philips 1216ME MK3
- Refine input handling for Manli/Beholder.
- Enable DVB support for DViCO FusionHDTV5 Lite.
- Included CB3 structures on tda8290 that should be changed
- Some clean up in cx88-tvaudio.c
- Fixed gcc 4.0 compile warnings by moving var declarations to the top of the function or block.
- Fix a number of sparse warnings.
- TS DMA buffer synchronization was inverted
- Strip trailing whitespace
- Added support for the Philips TD1316 tuner
- Added support for the following cards:
- Update documentation
- Small fixes.
- I've reverted a patch by mistake. fixing it
- Add new RTD cards
- Improved coding style for timer settings

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- Fix for problem with audio register setup via DSP access
- Remove some #if 0 which doesn't have any sense
- Cardlist update.
- Fix build for 2.6.14
- Initial code for Texas Instruments TVP5150A and TVP5150AM1
- Move some #if kernel version into compat.h
- Tvp5150 included on makefile.
- Increased eeprom dump to 128 bytes
- Fixed input selection.
- Some V4L2 API calls implemented on msp3400.c.
- Update the tveeprom tuner list with the tuner
- Change the number of lines in the input signal
- Fix source charset. Make symbols UTF-8.
- Add remote for DVB-T300 Remote.
- Cx88 cardlist updated. Now, it also includes PCI subsystem IDs.
- Added support for LifeView FlyTV Platinum Mini2.
- Set IF of tda8275 according to tv norm.
- BTTV Boards now use the same CodingStyle as cx88 and saa7134.
- Included missing card numbers
- Boards renamed to BTTV_BOARD_xxx
- Updated an