

## [PATCH 00/40] V4L/DVB bug fixes.

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/9622.html>

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*mchehab\_at\_brturbo.com.br*

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To: linux-kernel@vger.kernel.org

Starting from now, v4l/dvb patches will be at a common quilt repository at: <http://linuxtv.org/download/quilt>.

The main significant change is that compat32 code was moved from fs to v4l in order to make easier to fix. There are still some V4L2 ioctl not handled by the driver. This should go on a next patchset.

This patch series fixes several small bugs:

- Moves compat32 functions from fs to v4l subsystem
- Compat ioctl32 license fix
- Explicit compat\_ioctl32 handler to em28xx
- More build fixes for compat\_ioctl32.c
- Another build fix for compat\_ioctl32.c
- 64-bit fixes for removing warnings on compat\_ioctl32
- Fixes maximum number of VBI devices
- Fix hotplugging issues with saa7134
- Fixes warning at bttv-driver.c
- Added Secam L' std on tda9887 and common macros moved to videodev2.h
- Include comments for DVB models and includes missing ones
- tveeprom MAC address parsing/cleanup
- Fixes nicam sound
- Removed audio DMA enabling from cx88-core
- Fix read() bugs in bttv driver
- Bttv bytes per line fix
- Enables audio DMA setting on cx88 chips, even when dma not in use
- Some functions now static and I2C hw code for IR
- Makes needlessly global code static
- Fixes Bttv raw format to fix VIDIOCSPICt ioctl
- Write cached value to correct register for SECAM
- Fix crash when not compiled as module
- Fix bttv ioctls VIDIOC\_ENUMINPUT, VIDIOCGTUNER, VIDIOC\_QUERYCAP
- Fixed eeprom handling for cx88 and added Nova-T PCI model 90003
- Added basic support (tv + radio) for TerraTec Cinergy 250 PCI
- Added Hauppauge ImpactVCB board
- Add workaround for Hauppauge PVR150 with certain NTSC tuner models

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- Fixed DiSEqC timing for saa7146-based budget cards
- Fix locking problems and code cleanup
- Fixed mistake of an incorrect usage of pid filter-callbacks inside the private state of the dvb-usb-devices
- Include fixes for 2.6.15-rc1 for removing sched.h from
- Update Steve's email address.
- Small cleanups:
- Fix locking to prevent Oops on SMP systems when starting/stopping
- Remove stray semicolons after if (foo); in ves1820 set symbolrate().
- BUDGET CI card depends on STV0297 demodulator.
- Fix kernel message (print of %s from random pointer)
- Restore missing tuner definition for Hauppauge tuner type 0x103
- Fix typo, removing incorrect info from CONFIG\_BT848\_DVB kconfig entry.

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Documentation/video4linux/CARDLIST.bttv | 1  
Documentation/video4linux/CARDLIST.saa7134 | 2  
MAINTAINERS | 3  
drivers/media/dvb/b2c2/flexcop-hw-filter.c | 2  
drivers/media/dvb/dvb-core/dvb\_ca\_en50221.c | 69 +----  
drivers/media/dvb/dvb-core/dvb\_net.c | 31 +  
drivers/media/dvb/dvb-usb/a800.c | 2  
drivers/media/dvb/dvb-usb/dibusb-common.c | 18 -  
drivers/media/dvb/dvb-usb/digitv.c | 2  
drivers/media/dvb/dvb-usb/dvb-usb-init.c | 2  
drivers/media/dvb/frontends/cx22702.c | 2  
drivers/media/dvb/frontends/cx22702.h | 2  
drivers/media/dvb/frontends/nxt200x.c | 2  
drivers/media/dvb/frontends/ves1820.c | 14  
drivers/media/dvb/ttpci/Kconfig | 1  
drivers/media/dvb/ttpci/av7110\_ca.c | 1  
drivers/media/dvb/ttpci/budget-av.c | 2  
drivers/media/dvb/ttpci/budget-ci.c | 2  
drivers/media/dvb/ttpci/budget.c | 2  
drivers/media/dvb/ttpci/ttpci-eprom.c | 1  
drivers/media/radio/miropcm20-radio.c | 1  
drivers/media/radio/radio-aimslab.c | 1  
drivers/media/radio/radio-aztech.c | 1  
drivers/media/radio/radio-cadet.c | 1  
drivers/media/radio/radio-gemtek-pci.c | 1  
drivers/media/radio/radio-gemtek.c | 1  
drivers/media/radio/radio-maestro.c | 1  
drivers/media/radio/radio-maxiradio.c | 1  
drivers/media/radio/radio-rtrack2.c | 1  
drivers/media/radio/radio-sf16fmi.c | 1  
drivers/media/radio/radio-sf16fmr2.c | 1  
drivers/media/radio/radio-terratec.c | 1  
drivers/media/radio/radio-trust.c | 1  
drivers/media/radio/radio-typhoon.c | 1  
drivers/media/radio/radio-zoltrix.c | 1  
drivers/media/video/Kconfig | 3

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drivers/media/video/Makefile | 2  
drivers/media/video/arv.c | 1  
drivers/media/video/bttv-cards.c | 40 ++  
drivers/media/video/bttv-driver.c | 68 ++++  
drivers/media/video/bttv.h | 1  
drivers/media/video/bw-qcam.c | 1  
drivers/media/video/c-qcam.c | 1  
drivers/media/video/compat\_ioctl32.c | 328 ++++++-----  
drivers/media/video/cpia.c | 1  
drivers/media/video/cx25840/cx25840-core.c | 38 ++  
drivers/media/video/cx25840/cx25840.h | 9  
drivers/media/video/cx88/cx88-cards.c | 53 +---  
drivers/media/video/cx88/cx88-core.c | 35 +-  
drivers/media/video/cx88/cx88-tvaudio.c | 28 -  
drivers/media/video/cx88/cx88-video.c | 2  
drivers/media/video/cx88/cx88.h | 4  
drivers/media/video/em28xx/em28xx-core.c | 8  
drivers/media/video/em28xx/em28xx-video.c | 4  
drivers/media/video/ir-kbd-i2c.c | 2  
drivers/media/video/meye.c | 1  
drivers/media/video/pms.c | 1  
drivers/media/video/saa5249.c | 1  
drivers/media/video/saa7115.c | 14  
drivers/media/video/saa711x.c | 2  
drivers/media/video/saa7127.c | 6  
drivers/media/video/saa7134/saa7134-alsa.c | 36 +-  
drivers/media/video/saa7134/saa7134-cards.c | 34 ++  
drivers/media/video/saa7134/saa7134-core.c | 25 +  
drivers/media/video/saa7134/saa7134-oss.c | 81 +---  
drivers/media/video/saa7134/saa7134-video.c | 2  
drivers/media/video/saa7134/saa7134.h | 5  
drivers/media/video/stradis.c | 1  
drivers/media/video/tda8290.c | 6  
drivers/media/video/tda9887.c | 9  
drivers/media/video/tveeprom.c | 74 ++++  
drivers/media/video/video-buf.c | 9  
drivers/media/video/videodev.c | 26 -  
drivers/media/video/w9966.c | 1  
drivers/media/video/zoran\_driver.c | 1  
drivers/media/video/zr36120.c | 1  
drivers/usb/media/dsbr100.c | 1  
drivers/usb/media/ov511.c | 1  
drivers/usb/media/pwc/pwc-if.c | 1  
drivers/usb/media/se401.c | 1  
drivers/usb/media/stv680.c | 1  
drivers/usb/media/usbvideo.c | 1  
drivers/usb/media/vicam.c | 1  
drivers/usb/media/w9968cf.c | 1  
fs/compat\_ioctl.c | 246 -----  
include/linux/compat\_ioctl.h | 26 -  
include/linux/i2c-id.h | 1

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include/linux/videodev2.h | 12

include/media/tveeprom.h | 4

89 files changed, 897 insertions(+), 541 deletions(-)

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