

CHANGELOG FOR THE PROJECT "abcl"

Differences between:

- the current version (snapshot from Wed Jul 22 14:31:57 CEST 2009)
- and the user specified release "abcl_vb021_20090421"

File: ./usbfat/VERSION

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Version change, the latest version is: 0118

- 27.05.09 PK - fixed bug in cache: flush_entry corrupts the number of dirty entries
- 16.06.09 PK - FAT structures changed to 32-bit for compatibility with the FAT32 FS - only a formal change
===== WARNING! Even though this is only a formal change, it triggers a latent bug, which causes that <===== the USB transfer on some hardware blocks for ever.
- 29.06.09 PK - bugfix: read error in mstg_read_block_cached was causing leak of cache entries
 - mstg_read and mstg_write optimisation: avoid whole block copying if only small chunk of data is transferred - this should speed up FAT access
 - workaround for assumed USB Controller bug (#063.07)
- 01.18 08.07.09 PK - proper bug workaround for the controller bug (#063.07) based on the information from Lantronix
 - removed extra reset recovery at startup, which was making some device to not work
- 09.07.09 PK - fixed latent bug: wrong cluster data size in fat_find_file; which broke the FS >=16.06.09
 - simplified token done processing
 - buffer cache optimisation: data reorganised to allow write of several consecutive blocks
 - usbmstg API simplified: removed mstg_write_block, now mstg_write_blocks takes over the functionality
- 11.07.09 PK - reverted changes in buffer cache, which were corrupting the data on write
- 14.07.09 PK - USB error handling changed: DMA error bails out immediately without a retry - this makes Sony M2 USB stick to work

File: ./song/VERSION

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Version change, the latest version is: 0703

- 21.04.09 PK - added CODEC_FLAG_BROKEN_ASF_PADDING into VLSI driver
 - CODEC_GETINFO returns the codec flags in bits 16..31
 - ASF parser: send padding CODEC_FLAG_BROKEN_ASF_PADDING is not set - to work on VS1053
 - VLSI driver: do not use soft reset on VS1053 when switching streams (in ASF parser using old song interface) - it can crash the codec using the proper cancel procedure now
- 07.01 28.04.09 PK - bugfix #047.07: device crash if PCM decoding and then encoding selected
- 07.02 17.06.09 PK - MAS driver: completely disabled clock fine tuning - causing codec crashes, noise, buzz, device reset and "codec bug resetting" message
- 07.03 29.06.09 PK - codec watchdog unified for all modes: triggers after 100ms of no response
- 02.07.09 PK - Micronas: enable I2S output in uncompressed modes (AES output on Ex1000)
- 20.07.09 PK - I2C RTC support removed to save space - not used anywhere
 - removed save_pio and restore_pio from detection; detection is based only on the hardware type

File: ./abcl/VERSION

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Version change, the latest version is: B024

- A022 28.04.09 KS - #025.12 setpar: status_helper_fn: added HW type (28)
- 11.06.09 PK - fixed latent memory overwrite bug in upload.cgi: on lack of Mbufs return error 503
- 23.06.09 PK - #047.13 front panel LED control
- <==== 29.06.09 JP - Version B022 Frozen and released ==>
- A023 10.07.09 JP - fixed IGMP checksum error in bsw lib
- 10.07.09 JP - select quality of service from eeprom.
- <==== 10.07.09 JP - Version A023 Frozen and released ==>
- A024 16.07.09 KS - #047.15 setpar versions offsets corrected to Cxxx in dvSetup
 - reason for release is change in library.
- JP - set alltos of ip structure to use Quality of Service.
- 21.07.09 JP - Version A024 Frozen and released ==>

File: ./applications/abclapp/stuff/ABLAPPVERSION

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Version change, the latest version is: 0111

- 01.11 28.04.09 KS - #025.12 status: added Hardware type
- 23.06.09 PK - #047.13 front panel LED control

File: ./bcl_io/VERSION

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Version change, the latest version is: 0104

- 01.01 04.05.09 PK - started 1-wire driver implementation
- 02.06.09 PK - Barionet50: digital input logic changed to positive (negative before)
- 05.06.09 PK - added 1-wire RTC driver
 - Barionet 50: temperature sensor addresses mapped onto IO 651-700
 - added 1-wire driver for DS18B20 temperature sensor family
 - Barionet 50: temperature sensor measurement on registers 601-650
- 01.02 08.06.09 PK - exported 1-wire interface
- 09.06.09 PK - 1-wire discovery algorithm rewritten
 - added 1-wire RTC interface
 - 1-wire support in Ex1000 and IPAM
 - built-in TS support on Ex1000
- 10.06.09 PK - 1-wire processing rewritten to asynchronous with request queueing
 - implemented calls for RTC read and set
- 12.06.09 PK - created another build target bcl_io_x with extended tables (for Barionet 50)
- 01.03 13.06.09 PK - implemented virtual bits 301..400
- 15.06.09 PK - Barionet 50: implemented virtual word registers 701..1000
 - Barionet driver excluded from bclio.bin to save space
 - Barionet 50: implemented 32-bit counter registers
 - Barionet 50: RTS control on IO 9 rather than IO 200
- 16.06.09 PK - Barionet 50: virtual relays and digital outputs implemented
- 17.06.09 PK - Ex1000: non-working temperature measurement fixed
- 22.06.09 PK - DILL: get_int and 'I' rewritten to support signed
 - bugfix #065.01: output/relay pulse changed: sets immediately in ioctl, the pulse can be 10ms inaccurate
- 01.04 22.06.09 PK - feature #018.21: PS16 driver: supports up to 112 keys (2 complete extensions)
- 23.06.09 PK - LED control: show inputs, show outputs, map as digital outputs in the IO map
 - Ann1000: simplified driver, full LED control, LEDs mapped to IO 151-158 (if enabled)
- 24.06.09 PK - Ex1000: full LED control, LEDs mapped to IO 151-154 (if enabled)
- 27.06.09 PK - DILL: 'i' integer variables are signed; added variable type 'u' for unsigned integers
 - DILL: added % operator
 - DILL: nice called after every command
- 08.07.09 PK - PS16 driver: fixed wrong polarity of LEDs in iostate
- 09.07.09 PK - PS16: keyboard scan period increased from 3ms to 10ms
- 16.07.09 PK - Ex110 display driver: wait 4ms after clear screen instead of 2ms