Unstable: 386.00_0-gnuton0_alpha1
@gnuton gnuton released this 23 hours ago

Changes from the latest stable gnuton build (384.17_0-gnuton1):

build: Added circleci config file
build: updated tools/copy-prebuilt to support DSL-AC68U target
build: fixed tools/copy-prebuilt script which was copying release/src/router/tuxera/ in the wrong dir
Merged DSL-AC68U GPL 384.56087 prebuilds
build: added DSL-AC68U configuration to src-rt make target
build: fixed build when DUALWAN and DSL are enabled
Cleaning up remov some 'false' files
Merged asuswrt 384.56087 GPL to release/src/router/shared/sysdeps/
Import release/src/router/shared/prebuild/DSL-AC68U/ from GPL asuswrt 384.56087
create release for each tag type
tools/copy-prebuilt copies DSL-N55U GPL router/www/sysdep files since they are needed by DSL-AC68U and maybe other DSL variants in the future
ExtendedNo var is set during compilation when a commit is tagged
Imported src/router/www/sysdep/DSL-N55U/www/ files from GPL 384.56087 since they are needed by DSL variants
Merged latest upstream Merlin code
Sanitize CIRCLE_TAG to be used as EXTEND_NO
feature: Added let's encrypt to src-rt/target.mak for DSL-AC68U
Rename CI workflow and ignore master
Merging new changes imported from RT-AC88U branch
Merge remote-tracking branch 'upstream/mainline' into dsl-ac68u
spectrum: imported app for DSL routers from DSL-AC68U GPL 384.56087
httpd: upstream web.c reverted back since RT GPL is ahead of DSL one
httpd: Added back get_dnsprivacy_presets
webui: banner logo link set to gnuton's github
webui: enabled firmware update checks for gnuton's builds
fwupdate: FIX new firmwares with alphabetically bigger extendedno are not correcly detected
Merged asus merlin code
Merge upstream tag '384.14-beta1-mainline' into dsl-ac68u
buildfix: httpd/web.c has been checked out from tags/384.13-beta1-mainline
buildfix: set_fw_path.cgi not available for DSL-AC68U as for RT
buildfix: do not threat warning as errors for router
dsl-ac68u: Prebuild imported from GPL_DSL-AC68U_3.0.0.4.384.81140
Merged RMerl 384.14-beta2-mainline
buildfix: Backported rc/prebuild/DSL-AC68U/tcode_brcm.o from RT-AC86U since wl_disband5grp symbol was required for building
Merged in GPL_DSL-AC68U_3.0.0.4.384.81727-g7c23ae8 prebuilds
Merge tag '384.14-beta3-mainline' into 384.14_beta3
Merge tag '384.14-mainline' into 384.14
getdns: provide explicit path to OpenSSL 1.1.1 (fixes regression fom GPL 81044 merge)
rc: fail wanduck (and possibly other services) failing to start due to ate_mode check
rstats: revert some of the 384_81044 changes in an attempt to resolve the traffic spikes
rc: log if router is in manufacturing mode at wanduck launch
Updated documentation
rc: fix bad GPL merge
rc: remove no longer required kludge for STP on HND models
build: re-add cifs.ko module (lost with GPL 81044 merge)
webui: hide _0 extendno from firmware versions returned by cfg_sync
Updated documentation
Merge tag '384.14_2-mainline' into dsl-ac68u-384.14_2-mainline
dsl-ac68u: build: fix - picks latest previous tag in case of releases
Merge tag '384.15-mainline' into dsl-ac68u-384.15
Merge tag '384.16-mainline' into dsl-ac68u-384.16
Merge tag '384.17-mainline' into dsl-ac68u-384.17
curl: fix build recipe when generating configure
getdns: fix building under Ubuntu 20.04 LTS
libgpg-error: fix building with gawk 5.0 (backport from upstream)
Merge pull request #1 from RMerl/master
Release amtm 3.1.7

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 62   Merge pull request RMerl#509 from decoderman/master
 63   Updated documentation
 64   dropbear: Fix ssh client connection with Chacha20-Poly1305
 65   Updated documentation
 66   Merge GPL + SDK 384_81846 (RT-AC86U)
 67   Merge RT-AC86U binary blobs from 384_81846
 68   webui: updates to the QoS Stats page.
 69   Merge RT-AC68U SDK + binary blobs from 385_20490 (identical code to 384_81846)
 70   Merge RT-AC5300 binary blobs from 384_81844
 71   Merge RT-AC3100 SDK + binary blobs from 385_20490
 72   ahs: add binary collections to ahs/asd/libasc
 73   rc: update pw_dec() call in openvpn code to the new definition
 74   webui: optimize draw_conntrack_table() by removing code related to unsupported tQoS
      mode; fix tQoS default category labeling"
 75   webui: fix JS syntax error from upstream's Wireless Log page
 76   Updated documentation
 77   webui: harmonize dhcp_staticlist length with upstream
 78   Fix Privacy disclosure Wiki link in README
 79   httpd: rework gencert.sh script responsible for generating web certificate
 80   cfg_mnt: update gencfgcert to match updated openssl.cnf config file
 81   rc: copy stored cert.crt when starting httpds
 82   httpd: re-implement persistent certificate storage (lost in commit cdfc71f)
 83   Disable AHS and ASD on all supported models
 84   webui: remove validator.hostname() to match upstream (and replace one existing use with
      validator.host_name())
 85   Merge pull request RMerl#525 from borzaka/patch-1
 86   dropbear: Fix ChaCha20 on 32-bit platforms
 87   busybox: updated a few options to match upstream settings
 88   openvpn: revert 81846 change which broke setting ovpn server state to RUNNING
 89   Update updown-client.sh
 90   Merge RT-AC88U binary blobs from 385_20457 (and two missing RT-AC3100 blobs from 20490)
 91   Merge pull request RMerl#530 from Xentrk/master
 92   ssl: update root certificates to June 3rd 2020
 93   Updated documentation
 94   Revert "Merge RT-AC88U binary blobs from 385_20457 (and two missing RT-AC3100 blobs
      from 20490)"
 95   flac: properly provide libogg path (fixes building on some environment)
 96   openvpn: remove obsolete configure options that no longer exist
 97   build: parallelize rc and wget building
 98   www: updated OUI database
 99   Updated documentation
100   webui: fix sorting by DNS field on DHCP reservation table
101   Merged GPL + SDK 384_81918 (minus lighttpd changes) for RT-AC86U
102   httpd: don't rely on nvram and nvram-stored cert for saving, we already do so at
      generation time
103   rc: add kludge to watchdog for pre-384_81918 SDK 6.37 binary blobs
104   Updated documentation
105   Updated documentation
106   shared: added missing shared blobs for RT-AC3100
107   dropbear: update to 2020.79
108   Merged RT-AC5300 binary blobs from 384_81902
109   lighttpd: merge updated components + code from 384_819xx
110   Removed obsolete LE lighttpd instance
111   openvpn: store empty field instead of 0.0.0.0 in policy rules
112   Updated documentation
113   nano: updated to 4.9.3
114   Updated documentation
115   Updated documentation
116   Merged RT-AC88U binary blobs from 384_81919
117   rc: revert RT-AC88U kludge in watchdog
118   rc: eliminate log spam occuring every four seconds while testing RTK switch status
119   rom: hardcode wget timeout value in firmware update check scripts
120   dropbear: update to 2020.80
121   dropbear: use common random source for ltm
122   vpnc: add static routing and def. gateway control
123   Revert "vpnc: add static routing and def. gateway control"
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124   Updated documentation
125   Updated documentation
126   Revert "Revert "vpnc: add static routing and def. gateway control""
127   Updated documentation
128   httpd: www: implement notification on low jffs space
129   Updated documentation
130   build: fix processor count for parallel building
131   build: enable parallel building for curl
132   build: enable parallel kernel building for SDK6/SDK7 models
133   other: fix am_get_webui_page() returning new mount point before matching existing file
134   other: optimize am_get_webui_page loop
135   Merge pull request RMerl#558 from dave14305/patch-1
136   webui: fixed typo on low JFFS notification
137   openssl11: also prioritize chacha20 for bcm675x models which lack AES acceleration
138   Merged GPL + binary blobs 384_81981 for RT-AC5300
139   bwdpi: merged bwdpi components from 385_20630 firmware image for RT-AC68U
140   rc: httpd: harmonize httpd/vsftpd cert storage handling with upstream
141   Merged GPL + SDK 384_81992 from RT-AC86U
142   httpd: only save certificate if self-generated
143   webui: update cert info display to be in-line with httpd/rc changes from 7917e3b
144   Updated documentation
145   openssl11: also prioritize chacha20 for bcm675x models which lack AES acceleration
146   rom: fix duplicate CA bundle, and keep the updated one
147   httpd: don't set tlscrypt nvram when parsing tls-crypt from an imported ovpn, this is
      only used by Asus.
148   libvpn: implement copy_ovpn_key()
149   rc: improve handling of clock-sensitive services on first WAN up.
150   Updated documentation
151   openvpn: Major implementation rewrite/refactor
152   webui: OpenVPN client fixes
153   openvpn: Major implementation rewrite/refactor
154   webui: OpenVPN client fixes
155   libvpn: fixed log message on OpenVPN start
156   libvpn: remove some no longer used defines
157   webui: warn user when enabling user/pass auth for an OpenVPN client without providing
      both
158   openvpn: skip DNS redirection for clients using an empty source instead of 0.0.0.0 (the
      old way of denoting "any")
159   shared: fixed bad ipt_account() merge
160   webui: report openvpn client error code 7 as a config error, not key/cert
161   openvpn: set nvram errno if there is a config error preventing start
162   fix typo
163   openvpn: second stage of rewrite/refactor; harmonize master with mainline code
164   webui: fix incorrect input field validated when applying an OpenVPN client configuration
165   libovpn: don't allow duplicate-cn while in non-exclusive config-dir mode
166   libovpn: also reapply DNS and QOS firewall rules when re-applying firewall rules
167   rc: ensure that if openvpn client failed to start, that the instance gets set into an
      error state
168   rc: let openvpn down event handler update dnsmasq/resolv config
169   libovpn: remove unused (and inaccurate) constants
170   shared: remove vpn_debug nvram (no longer used)
171   Updated documentation
172   Merge pull request RMerl#568 from maghuro/patch-2
173   openvpn: remove duplicate line
174   webui: fix check for userauth being enabled on OpenVPN client page; separate
      check/focus for both fields
175   dropbear: libtommath: enable fixed cutoffs as size-optimization
176   dnsmasq: update to 2.82 (2.82-34-gb309cca-openssl)
177   openvpn: third stage - replacement of up/down handlers with libovpn functions, and fixes.
178   Updated documentation
179   rc: fix bad merge in ovpn.c
180   rc: use the correct WAN interface when setting up OPEN_NAT rules (fixes RMerl#573)
181   webui: hide SSHD WAN access option while not in router mode
182   nvram: re-sync with 81992
183   Updated documentation
184   webui: display appropriate warning message if jffs partition fails to mount instead of
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        a low space warning
185    shared: rstats: removed a few unused nvram to regain some space
186    Increased curl timeouts amtm FW
187    Update vpnrouting.sh
188    Update vpnrouting.sh
189    Update vpnrouting.sh
190    libovpn: fix policy client validation for CIDR-validated sources
191    Merge pull request RMerl#576 from decoderman/master
192    Merge pull request RMerl#577 from Xentrk/master
193    getdns: listeners reply returned wireformat
194    Updated documentation
195    openvpn: remove broken (and redundant) log entry from vpnrouting's start.
196    webui: fix minor typo on Sysinfo page
197    webui: hide "show password" box for all models but RT-AC68U, all others now use
        encrypted storage
198    Updated documentation
199    bump revision to 384.19 final
200    rc: make DH check compatible with OpenSSL 1.1
201    httpd: no longer look for openssl11 usertool when building certs
202    Prepare platform for 386 merge; merge 386_39179 + binary blobs (RT-AC86U)
203    build: fixed a few missing prebuilt locations
204    Merge RT-AC68U binary blobs + SDK from 386_39179
205    build: update copy-prebuilt for new collection layout
206    build: add script used to setup prebuild/* structures
207    build: update build-all and publish scripts
208    rc: migrate ddns_ipcheck to ddns_realip_x to match upstream
209    rc: rom: move firmware update server URL into the script; don't build firmware check
        code unless enabled
210    Updated documentation
211    rc: libovpn: move OpenVPN SSL-related code from rc to libovpn
212    openssl11: remove last references to openssl11 userspace tool
213    build: disable conn_diag for all models
214    bwdpi: fix Makefile
215    nfs: include stdint.h in nfs-utils to fix build issue on HND-AX
216    Merge 5.02axhnd SDK
217    libml: libnfnetlink: drop our versions, and reuse those from Asus
218    webui: add Wifi Radar page to RT-AX88U
219    webui: use show_ethherstate_hnd() for all HND models (including RT-AX88U)
220    httpd: merge AX changes to our wl_*_array() functions
221    libmnl: fix random build failures
222    webui: add missing images for the WiFi Radar page
223    HNDAX: add Entware support
224    kernel41-ax: Make xt_match_recent built-in instead of a module (to match with other
        platforms)
225    kernel41-ax: update ipset kernel components to 6.32
226    kernel41-ax: update ipset kernel compatibility header
227    kernel41-ax: fix nested structure references in xt_set
228    webui: expose NAT type setting for RT-AX88U
229    kernel41-ax: sync config options with 4.1.27 (HND AC)
230    kernel41-ax: add the TEE netfilter target
231    webui: fix broken Wifi Radar image for the RT-AX88U
232    kernel41-ax: silence log spam about ct_time_p->intv
233    kernel41-ax: add NFSv2 and V3 client support
234    axhnd: kernel41-ax: reenable tmpfs
235    kernel41-ax: patch xfrm to allow 32-bit strongswan under 64-bit kernel
236    kernel41-ax: iptables: fix handling IPCMv6 reject --with-tcp-reset
237    Add build profiles for AX models
238    build-ax: Fix compilation with glibc 2.25+
239    webui: add Netool-aware pages to the RT-AX88U
240    kernel41-ax: improve sack handling and resource usage
241    kernel41-ax: tcp: refine memory limit test in tcp_fragment()
242    faketc: fix wlcsm and nvram lib location on axhnd
243    build: strip executables added with the new SDK (hostapd/wpa_supplicant/iw)
244    Merge HND5.02-675x SDK from 384_8137; cleaned up, removed unneeded files
245    SDK-6750: add missing dhd firmware and nvram data for RT-AX58U's 5GHz radio
246    build: re-create HND impl symlink after make clean for 6750 SDK
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247   kernel-6750: adjusted AM-specific options
248   kernel41-6750: update ipset kernel components to 6.32
249   kernel41-6750: update ipset kernel compatibility header
250   kernel41-6750: fix nested structure references in xt_set
251   build: set PREBUILT_* in common.mak for 6570, as somehow the router/Makefile instance
      does not propagate when building bcmdrivers modules
252   other: add armv7 ldconfig for RT-AX58U
253   kernel41-6750: add kernel options that are requested on a rebuild
254   SDK-6750: cleaned up visualization app, added working bins
255   SDK-6750: add Entware support
256   SDK-4908: SDK cleanups
257   SDK-4908: fix epi_ttcp Makefile to use the prebuilt binary
258   kernel41-6750: move blog logging to debug level, and rate limit it
259   SDK-6750: Merge RT-AX56U binary objects; added RT-AX56U build profile
260   kernel41-6750: added AM-specific options to 47622 kernel profile
261   SDK-6750: move RT-AX58U router-sysdep to model-specific folder, and copy appropriate
      model content to router-sysdep at build time
262   SDK-6750: create binary collection for hostTools/addvtoken (which is model-specific)
263   SDK-4908: create binary collection for hostTools/addvtoken
264   SDK-6750: replace a few binary blobs with specific RT-AX56U builds
265   kernel41-6750: add kernel options that are requested on a rebuild for 47622 kernel
266   httpd: revised CPU info retrieval for Tools page
267   httpd: added clock report for RT-AX456U
268   libnl: also remove static libraries from cli
269   SDK-6750: re-add spudd/pdc (bcmspu) and cryptodev (unused) to the source tree
270   SDK-6750: do not use prebuilt bcm_usb, use the GPL source code to build it ourselves
271   httpd: fix retrieval of WAN QoS stats on RT-AX58U
272   shared: don't prioritize AES-256-CBC over AES-128-CBC on bcm675x devices without AES
      acceleration
273   build: enable parallel kernel building on AX models
274   build: remove redundant targets from AX build recipes
275   build: parallelize libnl, hostapd and wpa_supplicant-2.7
276   SDK-4908: harmonize with ax.384 branch
277   SDK-6750: harmonize with ax.384 branch
278   Merge RT-AX88U binary blobs + SDK from 386_39179
279   build: update RT-AX88U build profile
280   webui: harmonize sysdep content with ax.384 branch
281   rc: implement led control for RT-AX56U/RT-AX58U/RT-AX88U
282   openssl11: use armv8 when compiling for RT-AX88U
283   bwdpi: reorganize prebuilt collections; add 6750 prebuild objects
284   build: fix a few components in copy-prebuilt
285   Merge RT-AC5300 binary blobs + SDK7.14 from 386_39179
286   Add missing AX prebuilts
287   Updated documentation
288   webui: format merlin version string on new AiMesh dashboard
289   busybox: harmonize settings with upsteram, adding a few applets
290   shared: suppress logging of failed modprobes
291   webui: fix displaying available update version string
292   rom: retrieve release notes from Asus server if AiMesh node is on Asus stock FW
293   tools: Added scripts to build firmware locally inside docker
294   openvpn: update to 2.5.0-beta3
295   openvpn: replace setenv_unsigned() calls with setenv_long_long() in Asuswrt's patches
296   libovpn: update config file generation for OpenVPN 2.5 (both local and exported client
      config)
297   openvpn: re-enable iproute2 support for kernel 2.6.36; remove defines for route and
      ifconfig, they're no longer used
298   webui: libovpn: httpd: remove option to enable/disable NCP
299   webui: remove 2.4 required warnings from OpenVPN Server page
300   webui: limit max data-ciphers length to 127 chars, as per the OpenVPN documentation
301   libovpn: webui: only use the old --cipher setting in p2p mode; remove non-CBC ciphers
      (p2p requires CBC)
302   httpd: libovpn: www: Add stub/stub-v2 compression support to OpeNVPN client
303   httpd: libovpn: webui: implement tls-crypt-v2 client support
304   webui: replaced dropdown menus with radio buttons for OpenVPN settings with only two
      options
305   webui: report OpenVPN server config errors as such, not as cert errors
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306	webui: move some OpenVPN client setting notes to the field column, to match the server page
307	Updated documentation
308	Make VPN policy routing mode work without webui client rules
309	Merge pull request RMerl#602 from mgziminsky/patch-1
310	www: remove temp file accidentally committed
311	webui: use QoS settings as limiters for traffic meters (was lost in GPL merge)
312	webui: fix mistyped var name on OpenVPN server page
313	openvpn: try to use CHACHA20-POLY1305 (if supported by the remote end) on routers without AES acceleration
314	rstats: fix ifname check
315	webui: label hostname as optional on DHCP static leases; reduce max static leases to 64 to better handle the hardcoded max length of 2500 bytes
316	wlceventd: fix prebuilt location
317	libovpn: masquerade all client outbound traffic regardless of source subnet
318	openssl: update to 1.1.1h
319	Merge remote-tracking branch 'upstream/master' into upstream_master
320	chore(ci): added newer setup toolchain step in CI config
321	fix
322	Fix
323	fix
324	fix
325	openssl: sync 1.1.1h leftovers, cosmetics
326	fix
327	Revert "fix"
328	Merge remote-tracking branch 'upstream/master' into upstream_master
329	updated start build script
330	Revert "updated start build script"
331	start docker will start ubuntu 20_04 image
332	fix
333	Merge remote-tracking branch 'origin/upstream_master' into upstream_master
334	fix
335	build: remove RT-AC56U, RT-AC87U and RT-AC3200 build profiles
336	Remove binary blobs and other model-specific components for RT-AC56U, RT-AC87U and RT-AC3200/SDK 7.x
337	Remove Quantenna components
338	ipset: move ipset_arm to ipset-6, remove leftovers from old MIPS ipset
339	webui: integrated DOT presets into the address input field
340	rom: updated DoT server list
341	openvpn: On global stop/start events, only apply killswitch for clients set to automatically connect
342	Updated documentation
343	nano: updated to 5.2 (closes RMerl#610)
344	curl: update to 7.72.0
345	zlib: updated to 1.2.11
346	zlib: fix building newer libz.a
347	lz4: Updated to 1.9.2
348	Remove unused ra_SingleSKU from the repo
349	Remove unused jffsfilegen from the repo
350	Remove unused linux-ntfs-2.0.0 from the repo
351	Remove unused GeoIP-1.6.2 from the repo
352	e2fsprogs: updated to 1.45.6
353	lz4: fix version library used on install
354	lz4: fix building/installing on HND platform
355	rc: fix debug output for PPP event
356	rom: include trailing 0 to the IPv6 addresses of Cleanbrowsing Family (closes RMerl#580)
357	rc: fix crash if missing unit argument to wan_if service notification (closes RMerl#611)
358	lz4: remove staging from build process
359	httpd: re-harmonize with 386_39179 GPL
360	shared: re-harmonize with 386_39179 GPL
361	rc: remove blobs accidentally commited with 3387862
362	rc: re-harmonize with 386_39179 GPL
363	hostapd: clean up openssl path
364	faketc: disable faketc
365	webui: hide scheduler and overhead parameters when QoS set to Adaptive
366	webui: re-implement QoS overhead as an inline dropdown menu

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367   webui: fix location of DoT preset button
368   Updated documentation
369   nano: add missing files
370   e2fsprogs: add missing files
371   lz4: add missing files
372   shared: rc: move killall_tk_period_wait() to libshared
373   libovpn: moved stop/start functions from rc to libovpn
374   openvpn: update to 2.5.0-rc3
375   openvpn: replace iproute2 with netlink for pre-HND models (should now be fixed with
      OpenVPN 2.5.0 RC 3)
376   rc: fix DHCP renewal failure related to bwdpi firewall rules
377   Updated documentation
378   httpd: import the obsolete "cipher" parameter in the Custom OpenVPN section instead of
      in nvram
379   Fix convert_subnet_mask_to_cidr for masks with
380   Merge pull request RMerl#625 from mgziminsky/patch-1
381   webui: increased number of addons mount points to 20
382   openvpn: update to 2.5.0 final
383   Merge GPL 386_40577 + 5.02axhnd SDK (RT-AX88U)
384   Copy RT-AX88U prebuild from 386_40577
385   Merge SDK 6.37 + RT-AC68U binary blobs (from 386_40577)
386   shared: fix compiling bit_count() on older toolchains
387   rc: harmonize ssh key location and management code with upstream
388   Merge HND5.02 + RT-AC86U binary blobs (from 386_40577)
389   Updated documentation
390   Merge SDK 7.14 + RT-AC88U, RT-AC3100 and RT-AC5300 binary blobs (from 386_40577)
391   Merge SDK 5.02axhnd-670x and RT-AX56U/RT-AX58U binary blobs (from 386_40577)
392   asd: Fix building, and enable ASD daemon for test purposes
393   miniupnpd: merged AuraSync and GeforceNow code from upstream
394   webui: stop processing more filters once connection is excluded
395   Merge SDK 5.02p1 (RT-AX86U)
396   Add RT-AX86U binary blobs (from 386_40577)
397   SDK 5.02p1: ensure that TOP_PLATFORM ends up using router-sysdep rather than router
398   Add RT-AX86U build profile
399   kernel41-62118: adjusted AM-specific options
400   kernel41-62118: add kernel options that are requested on a rebuild
401   kernel41-62118: move blog logging to debug level, and rate limit it
402   www: build: add missing RT-AX86U pages; Fix using prebuilt binary blobs
403   SDK 5.02p1: remove duplicate build recipes
404   build: add preliminary RT-AX86U support to copy-prebuilt
405   visualization: Add visualization app for RT-AX86U; fix missing menu entry for RT-AX56U
      and RT-AX58U
406   Merge remote-tracking branch 'upstream/master' into upstream_master
407   webui: add multigig Ethernet support to Sysinfo page
408   asd: Disable for now, current prebuilt components aren't working yet
409   dhd: add missing dhd usertool for RT-AX56U/RT-AX58U
410   build: add RT-AX86U to build-all script
411   dropbear: updated to 2020.81
412   e2fsprogs: revert ext4 metadata_csum and 64bit features to previous behaviour for
      backward compatibility
413   swmdk: install init.d/* scripts on AX models
414   SDK 5.02-670x: Cleanup apps
415   Disabled FRS_LIVE_UPDATE, CLOUDCHECK and CONNDIAG in build profiles
416   Updated documentation
417   Merge remote-tracking branch 'upstream/master' into upstream_master
418   dsl-ac68u: added new target to target.mak
419   dsl-ac68u: create symlink for prebuilds
420   dsl-ac68u: importing TC-FW prebuild from GPL 386_39648
421   webui: add page class to WAN page (to match upstream)
422   shared: remove duplicate wan_mtu variable
423   SDK 5.01p1: Implement Entware support
424   webui: fix model label rendering on USB app page
425   webui: move captcha enable switch to the login password section
426   rc: implement LED control on RT-AX86U
427   miniupnpd: fix enabling Aurasync
428   miniupnpd: remove debug function not available yet in 386_40577
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429    Enable GeForce Now support on RT-AX86U
430    libovpn: allow multiple routes per client to be defined in client-specific rules
       (closes RMerl#636)
431    dsl-ac68u: Imported prebuilds from DSL-AC68U GPL 386.39648
432    dsl-ac68u: DSL-AC68U is configured to use JFFS_NVRAM but symbols are stored in a
       different object file
433    dsl-ac68u: fixed upstream typo
434    dsl-ac68u: MobileDevMode_restart symbol not available
435    dsl-ac68u: get_rtinfo symbol is not available in the DSL-AC68U prebuilds
436    dsl-ac68u: AMAS=y switches on ACCOUNT_BINDING and that's not good for this router model
       since do_get_eptoken_cgi is not available in the prebuilds
437    dsl-ac68u: improve circleci file for debugging
438    dsl-ac68u: defined different ld_library to get libmpc.so.2
439    dsl-ac68u: some router/ apps fail to compile because of 'error: ISO C99 requires
       whitespace after the macro name' - THIS REQUIRES A REAL FIX
440    dsl-ac68u: Imported www files from DSL-AC68U GPL 386.39648
441    dsl-ac68u: Imported wl/sysdeps/DSL-AC68U/clm/src/wlc_clm_data.c from DSL-AC68U GPL
       386.39648
442    webui: only validate wan_mtu value if it's not empty
443    ipset: switch to ipset 7.6 included upstream (used by TCPLUGIN)
444    Merge pull request RMerl#634 from dave14305/patch-1
445    kernel41: icmp: randomize the global rate limiter
446    rc: remove temporary file accidentally committed
447    dsl-ac68u: Makes bwdpi app work again
448    Updated documentation
449    Merge GPL 386_40996 (from RT-AC68U)
450    Merge 386_40996 binary blobs for RT-AC68U
451    Merge 386_40996 binary blobs for RT-AC88U/3100/5300
452    rc: implement codel support in GeForce QOS
453    rc: retrieve MTU from instanced nvram for QOS quantum, and also handle null values
454    shared: define default instanced wan MTU nvram
455    rc: add codel support to rog_qos
456    Merge 386_40996 SDK + binary blobs for RT-AC86U
457    dsl-ac68u: Imported dsl_drv_tool from DSL-AC68U GPL 386.39648
458    rc: fix typo in qos.c code
459    build: enable ASD for models with updated executables
460    Merge binary blobs + components for GT-AC2900 (from GPL 386_41035)
461    httpd: webui: implement GeForce Now QoS support on Classification page; display qsched
       options on QoS settings page
462    rc: implement LED control on GT-AC2900
463    SDK5.02: store model-specific hnd_extra prebuilts for RT-AC86U and GT-AC2900
464    Merge with GPL 386_41035 (from GT-AC2900)
465    build: add GT-AC2900 to copy-prebuilt
466    Remove an old 27MB large mipsel crud file
467    rc: fix typo in qos.c code
468    build: add GT-AC2900 to build-all; start HND models first as they take longer to build;
       add configurable git branch per model
469    rc: rework new firmware check task based on Asus' newer code
470    Updated documentation
471    Merge GPL 386_40996 (from RT-AC68U)
472    Merge 386_40996 binary blobs for RT-AC68U
473    Merge 386_40996 binary blobs for RT-AC88U/3100/5300
474    rc: add codel support to rog_qos
475    Merge 386_40996 SDK + binary blobs for RT-AC86U
476    build: enable ASD for models with updated executables
477    Merge binary blobs + components for GT-AC2900 (from GPL 386_41035)
478    httpd: webui: implement GeForce Now QoS support on Classification page; display qsched
       options on QoS settings page
479    rc: implement LED control on GT-AC2900
480    SDK5.02: store model-specific hnd_extra prebuilts for RT-AC86U and GT-AC2900
481    Merge with GPL 386_41035 (from GT-AC2900)
482    build: add GT-AC2900 to copy-prebuilt
483    build: add GT-AC2900 to build-all; start HND models first as they take longer to build;
       add configurable git branch per model
484    httpd: support interface argument when launching Ookla speedtest
485    webui: allow selecting interface to use on speedtest if any OVPN client is connected
```

```
486   Merge RT-AX56U prebuilts for 386_41035
487   Merge RT-AX58U prebuilts for 386_41035
488   Merge RT-AX88U prebuilts for 386_41035
489   Merge RT-AX86U prebuilts for 386_41035
490   webui: fix hiding interface selector on speedtest if only WAN is available
491   Fix handling of router-sysdep for RT-AX88U
492   build: improve RT-AX86U handling in copy-prebuilt
493   build: set all branches to master in build-all script
494   Updated documentation
495   kernel41-62118: update ipset to 6.32; fix nested structure references in xt_set
496   kernel41-62218: build ipset as modules instead of built-in (6.32 fails to properly
      build when built-in)
497   aimesh: update header file missed from GPL 41035
498   libovpn: properly clear remote IP address when stopping client
499   dsl-ac68u: Only use DSL-AC68U GPL 386.39648. Removed all symlinks to other prebuilds
500   dsl-ac68u: Imported arpstorm prebuilt from /src/router/networkmap/prebuild/arm since
      missing in DSL-AC68U GPL
501   Merge remote-tracking branch 'upstream/master' into upstream_master+DSL_386_39648
502   dsl-ac68u: Disable ASD since it could be the problem related to jffs2_script nvram key
      unset
503   dsl-ac68u: fixed copy-prebuilt
504   dsl-ac68u: imported prebuilt/wl from DSL-AC68U GPL 386_39648
505
```