

## Issues

| #   | Project              | Tracker   | Status  | Priority | Subject   | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|----------------------|-----------|---------|----------|---|-------------------|---------------------|----------------|----------------|--------|
| 379 | mkernel              | Evolution | Nouveau | Normal   | Windows installer : Templatize/parametrize mkernel.nsi with bindir, srcdir, docdir, mandir, .....   | François Cerbelle | 02/13/2024 11:45 PM | 0.1            | 2.00           | 20     |
| 378 | mkernel              | Evolution | Résolu  | Normal   | Windows installer : Package dependencies per binary (program, modules) and group by section in nsis | François Cerbelle | 02/09/2024 08:04 PM | 0.1            | 2.00           | 100    |
| 377 | mkernel              | Anomalie  | Résolu  | Normal   | Windows builds: Update installdirs to a flat folder and use pev to include dependencies             | François Cerbelle | 02/11/2024 12:58 AM | 0.1            | 2.00           | 100    |
| 179 | PAC                  | Evolution | Nouveau | Normal   | Web UI plugin   | François Cerbelle | 10/25/2016 11:56 PM | Later          |                | 0      |
| 100 | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : Schedule snapshot refresh   | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 99  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : Persistent snapshots  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 95  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : Monitoring  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 96  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : Heartbeat   | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 94  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : ESAPI security  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 101 | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : CAS SSO activation  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 98  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : CanViewQuery  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 97  | Demo VM              | Evolution | Nouveau | Normal   | Web Patch : Audit   | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 80  | Demo VM              | Evolution | Nouveau | Normal   | Web pages and auto-doc framework  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 263 | fifo                 | Evolution | Nouveau | Normal   | waddr testbench   |                   | 08/20/2020 01:09 PM | 1.0            |                | 0      |
| 221 | FC005-ElectronicLoad | Evolution | Résolu  | Normal   | Use U10/D13 as ADC interrupt  |                   | 07/04/2020 03:17 PM | 1.1            | 1.00           | 100    |
| 188 | PAC                  | Evolution | Nouveau | Normal   | Use help2man to generate manpage  | François Cerbelle | 11/21/2016 05:38 PM | Later          |                | 0      |
| 328 | mkernel              | Anomalie  | Résolu  | Normal   | Use and Include embedded libiconv and libintl (gnulib ?) in the bundle (at least for windows)       | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 1.00           | 100    |
| 292 | Hakeva               | Evolution | Résolu  | Normal   | Use Active Low for control signals for better noise tolerance and ensure reset is active at powerup | François Cerbelle | 01/11/2023 11:21 PM | 0.1            | 2.00           | 100    |
| 228 | FC005-ElectronicLoad | Evolution | Nouveau | Normal   | Use a 10 or 12bits ADC (10-30mA precision at 100kHz) instead of 16bits (at 200Hz)                   |                   | 07/14/2020 12:25 AM | 1.1            | 2.00           | 0      |

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|-----|-----------------------|-----------------|---------|----------|---|-------------------|---------------------|----------------|----------------|--------|
| 243 | Firmware              | Anomalie        | Nouveau | Normal   | USB programmation and monitoring  |                   | 07/09/2020 06:09 PM | 1.0            |                | 0      |
| 118 | Puppet Modules        | Evolution       | Résolu  | Normal   | Update readahead module   | François Cerbelle | 12/04/2013 07:15 PM |                |                | 100    |
| 117 | Puppet Modules        | Evolution       | Résolu  | Normal   | Update preload module   | François Cerbelle | 12/04/2013 07:15 PM |                |                | 100    |
| 116 | Puppet Modules        | Evolution       | Résolu  | Normal   | Update prelink module   | François Cerbelle | 12/04/2013 07:15 PM |                | 1.00           | 100    |
| 301 | Hakeva                | Evolution       | Nouveau | Normal   | Update core design for a PCI card with DMA  | François Cerbelle | 01/16/2023 08:35 AM | 0.1            | 5.00           | 0      |
| 236 | Firmware              | Anomalie        | Nouveau | Normal   | UnderVoltage protection (Cut-off for batteries)   |                   | 07/09/2020 06:08 PM | 1.0            |                | 0      |
| 225 | FC005-ElectronicLoad  | Evolution       | Nouveau | Normal   | Try to replace SMD components with DIP or through-hole equivalents                      |                   | 07/23/2020 12:36 AM |                | 5.00           | 50     |
| 348 | mkernel               | Feature request | Résolu  | Normal   | Try memtrack_!stblock_postinit when no block allocated in checks for memtrack           | François Cerbelle | 02/02/2024 12:15 AM | 0.1            | 1.00           | 100    |
| 242 | Firmware              | Anomalie        | Nouveau | Normal   | Trigger (start, stop, pattern)  |                   | 07/09/2020 06:09 PM | 1.0            |                | 0      |
| 82  | Demo VM               | Evolution       | Nouveau | Normal   | Tomcat6   | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 174 | PAC                   | Evolution       | Nouveau | Normal   | Text UI plugin (readline)   | François Cerbelle | 10/25/2016 11:59 PM | Next           |                | 0      |
| 175 | PAC                   | Evolution       | Nouveau | Normal   | Text UI plugin (ncurses)  | François Cerbelle | 10/25/2016 11:56 PM | Later          |                | 0      |
| 205 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Temperature value instability when sampling from ADC                                    |                   | 07/04/2020 04:50 PM | 1.1            | 2.00           | 100    |
| 285 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Tags page or widget   |                   | 05/04/2021 08:04 PM |                |                | 0      |
| 129 | Demo VM               | Anomalie        | Résolu  | Normal   | Tabbed home page broken in 5.6  | François Cerbelle | 06/27/2014 06:05 PM | Later          |                | 100    |
| 120 | Demo VM               | Evolution       | Nouveau | Normal   | System status and halt in header  | François Cerbelle | 01/25/2014 02:41 PM | Later          | 2.00           | 50     |
| 195 | FC005-ElectronicLoad  | Evolution       | Résolu  | Normal   | Symetric power supply circuit   |                   | 07/11/2020 02:25 AM |                | 5.00           | 100    |
| 358 | mkernel               | Evolution       | Résolu  | Normal   | Switch from CPPUnit testing framework to Check  | François Cerbelle | 02/01/2024 12:13 AM | 0.1            | 1.00           | 100    |
| 293 | Hakeva                | Evolution       | Résolu  | Normal   | Switch everything to single clock domain in order to keep implementation simple for now | François Cerbelle | 01/11/2023 11:22 PM | 0.1            | 2.00           | 100    |
| 197 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Swap U1/V+ and U1/V-  |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 196 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Swap Q4/1 and Q4/2  |                   | 07/04/2020 11:38 AM | 1.1            |                | 100    |
| 18  | Puppet Modules        | Evolution       | Nouveau | Normal   | Standardize vim puppet module   | François Cerbelle | 12/01/2013 11:12 PM |                |                | 0      |

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| 17  | Puppet Modules       | Evolution | Nouveau | Normal   | Standardize stresstest puppet module  | François Cerbelle | 12/01/2013 11:12 PM |                |                | 0      |
| 16  | Puppet Modules       | Evolution | Nouveau | Normal   | Standardize ssmtp puppet module   | François Cerbelle | 12/01/2013 11:12 PM |                |                | 0      |
| 15  | Puppet Modules       | Evolution | Nouveau | Normal   | Standardize screen puppet module  | François Cerbelle | 12/01/2013 11:12 PM |                |                | 0      |
| 112 | Puppet Modules       | Evolution | Résolu  | Normal   | Standardize ntp puppet module   | François Cerbelle | 12/02/2013 10:21 PM |                |                | 100    |
| 121 | Puppet Modules       | Evolution | Résolu  | Normal   | Standardize distcc puppet module  | François Cerbelle | 12/09/2013 04:19 AM |                |                | 100    |
| 254 | FC005-ElectronicLoad | Anomalie  | Nouveau | Normal   | Stackable PCB   |                   | 07/18/2020 12:58 AM | 1.1            |                | 0      |
| 219 | FC005-ElectronicLoad | Evolution | Résolu  | Normal   | Simplify voltage sense connector  |                   | 07/04/2020 03:16 PM | 1.1            | 0.25           | 100    |
| 265 | fifo                 | Evolution | Nouveau | Normal   | signal testbench  |                   | 08/20/2020 01:09 PM | 1.0            |                | 0      |
| 261 | fifo                 | Evolution | Nouveau | Normal   | signal submodule  |                   | 08/20/2020 01:12 PM | 1.0            |                | 0      |
| 234 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Shift feedback from 0-5V to 0-0.075V  |                   | 12/24/2023 09:35 PM | 1.1            |                | 100    |
| 245 | Firmware             | Anomalie  | Nouveau | Normal   | Serial datalogger (FTDI/Openlog)  |                   | 07/09/2020 06:10 PM | 1.0            |                | 0      |
| 247 | FC005-ElectronicLoad | Evolution | Nouveau | Normal   | Sense Zero adjust. RV   |                   | 07/14/2020 12:19 AM |                |                | 0      |
| 252 | FC005-ElectronicLoad | Anomalie  | Nouveau | Normal   | Security shutdown if thermistance is shorted or disconnected                      |                   | 07/15/2020 05:18 PM |                |                | 0      |
| 215 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Security fan is currently progressively started                                   |                   | 07/07/2020 12:13 AM | 1.1            | 1.00           | 100    |
| 162 | PAC                  | Evolution | Nouveau | Normal   | scheduler (thread pools)  | François Cerbelle | 12/04/2016 12:27 AM | Next           |                | 70     |
| 244 | Firmware             | Anomalie  | Nouveau | Normal   | Save/Load/Reset settings in EEPROM  |                   | 07/09/2020 06:10 PM | 1.0            |                | 0      |
| 115 | Demo VM              | Anomalie  | Nouveau | Normal   | Sameer's Foodmart2012 samples OLAP view are broken                                | François Cerbelle | 04/09/2014 06:00 PM | Later          | 3.00           | 0      |
| 111 | Puppet Modules       | Evolution | Nouveau | Haut     | rpinode : mount /mnt/data   | François Cerbelle | 12/01/2013 11:13 PM |                |                | 0      |
| 79  | Demo VM              | Evolution | Nouveau | Normal   | RockMongo   | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 300 | Hakeva               | Evolution | Nouveau | Normal   | Rethink desing to have a FPGA PCB PCI formfactor compatible with PC and backplane | François Cerbelle | 01/15/2023 09:05 PM | 0.1            |                | 0      |
| 45  | Demo VM              | Anomalie  | Nouveau | Normal   | Resolve the JAR conflict between Liferay and JasperReports Server                 | François Cerbelle | 01/25/2014 02:42 PM | Later          |                | 0      |
| 233 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Resize R21  |                   | 07/14/2020 12:21 AM | 1.1            | 0.50           | 100    |
| 232 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Resize R18  |                   | 07/14/2020 12:22 AM | 1.1            |                | 100    |

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| 316 | Hakeva               | Anomalie  | Résolu  | Normal   | Replace the NTMD3P03 dual PMOS with a FDS4935BZ because of thermal dissipation under 2A | François Cerbelle | 03/28/2023 03:44 PM | 0.1            | 0.50           | 100    |
| 253 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Replace ADA4611 with (P)DIP (LM2904?)   |                   | 07/19/2020 02:15 AM | 1.1            |                | 100    |
| 295 | Hakeva               | Evolution | Résolu  | Normal   | Rename rediscore->gateway, redisoft->firmware, redispcb->hardware, FPGARedis->hakeva    | François Cerbelle | 01/11/2023 11:23 PM | 0.1            | 5.00           | 100    |
| 213 | FC005-ElectronicLoad | Evolution | Résolu  | Normal   | Remove the delayed and progressive start from the security                              |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 220 | FC005-ElectronicLoad | Evolution | Résolu  | Normal   | Remove extra protection diodes D9/D7 not useful because of flyback diode D8 on LM7805   |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 361 | kernel               | Evolution | Résolu  | Normal   | Remove CXX/C++ dependencies from configure.ac   | François Cerbelle | 01/29/2024 11:54 PM | 0.1            | 0.25           | 100    |
| 204 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | Remote Voltage sense stability issue  |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 264 | fifo                 | Evolution | Nouveau | Normal   | raddr testbench   |                   | 08/20/2020 01:09 PM | 1.0            |                | 0      |
| 227 | FC005-ElectronicLoad | Evolution | Résolu  | Normal   | Protect all connectors against reversed connection                                      |                   | 07/23/2020 12:38 AM | 1.1            | 2.00           | 100    |
| 305 | Hakeva               | Anomalie  | Résolu  | Normal   | PowerSourceAutoSwitch: Update all components properties in schematic/PCB/BOM            | François Cerbelle | 03/16/2023 07:59 PM | 0.1            | 0.50           | 100    |
| 306 | Hakeva               | Anomalie  | Résolu  | Normal   | PowerSourceAutoSwitch: Fix Dual-NMOS footprint  | François Cerbelle | 03/16/2023 08:00 PM | 0.1            | 0.25           | 100    |
| 75  | Demo VM              | Evolution | Nouveau | Normal   | PostgreSQL::server  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 76  | Demo VM              | Evolution | Nouveau | Normal   | PostgreSQL::JDBC  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 85  | Demo VM              | Evolution | Nouveau | Normal   | Port JETL samples from 5.2.1 to 5.4.1   | François Cerbelle | 01/25/2014 02:41 PM | Later          | 4.00           | 0      |
| 77  | Demo VM              | Evolution | Nouveau | Normal   | PhpPgAdmin  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 72  | Demo VM              | Evolution | Nouveau | Normal   | PhpMyAdmin  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 74  | Demo VM              | Evolution | Nouveau | Normal   | PhpLdapAdmin  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 69  | Demo VM              | Evolution | Nouveau | Normal   | PHP   | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |
| 190 | PAC                  | Evolution | Nouveau | Normal   | Performance testing toolkit   | François Cerbelle | 12/02/2016 01:36 PM | Later          |                | 0      |
| 198 | FC005-ElectronicLoad | Anomalie  | Résolu  | Normal   | PCB silk serigraphy inverted for trig in and out  |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 237 | Firmware             | Anomalie  | Nouveau | Normal   | OverVoltage protection  |                   | 07/09/2020 06:08 PM | 1.0            |                | 0      |

| #   | Project               | Tracker         | Status  | Priority | Subject  | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|-----------------------|-----------------|---------|----------|--|-------------------|---------------------|----------------|----------------|--------|
| 239 | Firmware              | Anomalie        | Nouveau | Normal   | OverPower protection   |                   | 07/09/2020 06:08 PM | 1.0            |                | 0      |
| 238 | Firmware              | Anomalie        | Nouveau | Normal   | OverCurrent protection   |                   | 07/09/2020 06:08 PM | 1.0            |                | 0      |
| 81  | Demo VM               | Evolution       | Nouveau | Normal   | Oracle Java 1.6  | François Cerbelle | 04/09/2014 06:02 PM | Later          |                | 0      |
| 67  | Demo VM               | Evolution       | Nouveau | Normal   | OpenSSL  | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |
| 73  | Demo VM               | Evolution       | Nouveau | Normal   | OpenLDAP::server   | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 66  | Demo VM               | Evolution       | Nouveau | Normal   | ntp::server  | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |
| 327 | mkernel               | Feature request | Résolu  | Normal   | NSIS: Add mkernel and uninst to Start Menu   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 0      |
| 191 | PAC                   | Evolution       | Nouveau | Normal   | Non regression testing framework   | François Cerbelle | 12/02/2016 01:37 PM | Later          |                | 0      |
| 194 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Noise from MOSFET/Shunt/Feedback in the control  |                   | 07/14/2020 05:30 PM | 1.1            | 10.00          | 0      |
| 176 | PAC                   | Evolution       | Nouveau | Normal   | Net UI plugin (readline)   | François Cerbelle | 10/25/2016 11:56 PM | Later          |                | 0      |
| 177 | PAC                   | Evolution       | Nouveau | Normal   | Net UI plugin (ncurses)  | François Cerbelle | 10/25/2016 11:56 PM | Later          |                | 0      |
| 70  | Demo VM               | Evolution       | Nouveau | Normal   | MySQL::server  | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |
| 71  | Demo VM               | Evolution       | Nouveau | Normal   | MySQL::JDBC  | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |
| 288 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Multi-languges   |                   | 05/06/2021 05:42 PM |                |                | 0      |
| 322 | mkernel               | Anomalie        | Résolu  | Normal   | Move CPPFLAGS, CFLAGS, CXXFLAGS, LDADD, LIBADD, LDFLAGS definitions from configure to Make | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 294 | Hakeva                | Evolution       | Résolu  | Normal   | Move all Verilog parameters in a configuration file to include                             | François Cerbelle | 01/11/2023 11:22 PM | 0.1            | 0.25           | 100    |
| 354 | mkernel               | Evolution       | Résolu  | Normal   | Move /src/debug in /deps/debug   | François Cerbelle | 01/26/2024 09:00 PM | 0.1            |                | 100    |
| 78  | Demo VM               | Evolution       | Nouveau | Normal   | MongoDB;;server  | François Cerbelle | 04/09/2014 06:01 PM | Later          |                | 0      |
| 298 | Hakeva                | Evolution       | Résolu  | Normal   | Migrate design details from the documents to the wiki                                      | François Cerbelle | 01/14/2023 11:03 AM | 0.1            | 0.50           | 100    |
| 286 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Menu with pages  |                   | 05/04/2021 08:05 PM |                |                | 0      |

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| 172 | PAC                   | Evolution       | Nouveau  | Normal   | Menu Class  | François Cerbelle | 10/25/2016 11:59 PM | Next           |                | 0      |
| 370 | mkernel               | Anomalie        | Résolu   | Normal   | memtrack_addblock should fail if the same pointer is added a second time                  | François Cerbelle | 02/01/2024 08:36 PM | 0.1            | 1.00           | 100    |
| 186 | PAC                   | Evolution       | En cours | Normal   | memdbg  | François Cerbelle | 12/04/2016 10:58 PM | Later          |                | 70     |
| 326 | mkernel               | Anomalie        | Résolu   | Normal   | make distcheck fails  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 297 | Hakeva                | Anomalie        | Résolu   | Normal   | Make async reset safe regarding clock rises   | François Cerbelle | 01/11/2023 11:23 PM | 0.1            |                | 100    |
| 368 | mkernel               | Anomalie        | Nouveau  | Normal   | Make assert, memdbg, memtrack , modmgr and svcmgr threadsafe with mutexes                 | François Cerbelle | 01/31/2024 01:55 PM | 0.1            | 5.00           | 0      |
| 168 | PAC                   | Evolution       | Nouveau  | Normal   | Logger Class  | François Cerbelle | 11/23/2016 12:04 AM | Next           |                | 40     |
| 375 | mkernel               | Evolution       | Résolu   | Normal   | Libmemtrack lsbblock rename, nbblock rework and rename, sizeblocks addition               | François Cerbelle | 02/04/2024 06:19 PM | 0.1            | 1.00           | 100    |
| 226 | FC005-ElectronicLoad  | Evolution       | Résolu   | Normal   | LCD connector PCB silkscreen info   |                   | 07/04/2020 02:39 PM | 1.1            | 0.25           | 100    |
| 119 | Demo VM               | Evolution       | Nouveau  | Normal   | JNDI connections edit page  | François Cerbelle | 01/25/2014 02:41 PM | Later          | 4.00           | 0      |
| 246 | FC005-ElectronicLoad  | Evolution       | Nouveau  | Normal   | I <sup>2</sup> C IO extender for keyboard   |                   | 07/09/2020 06:20 PM |                |                | 0      |
| 256 | FC005-ElectronicLoad  | Anomalie        | Résolu   | Normal   | Investigate current limiting and thermal runaway in MOSFET with transistors and resistors |                   | 07/23/2020 11:51 PM | 1.1            |                | 100    |
| 29  | Demo VM               | Evolution       | En cours | Normal   | Installing Liferay 6 and the Portlet  | François Cerbelle | 01/25/2014 02:44 PM | Later          | 8.00           | 90     |
| 136 | Raspberry Pi Cluster  | Evolution       | Nouveau  | Normal   | Install PuppetMaster on master (in Apache/mod_passenger)                                  |                   | 08/22/2015 01:24 PM | 1.1            | 2.00           | 0      |
| 142 | Raspberry Pi Cluster  | Evolution       | Nouveau  | Normal   | Install Puppet agent on slaves and connect it to master                                   |                   | 08/22/2015 01:24 PM | 1.1            |                | 0      |
| 283 | francois.cerbelle.net | Feature request | Nouveau  | Normal   | included images theme   |                   | 05/04/2021 08:04 PM |                |                | 0      |
| 281 | francois.cerbelle.net | Feature request | Nouveau  | Normal   | Include socicons  |                   | 05/04/2021 07:59 PM |                |                | 0      |
| 222 | FC005-ElectronicLoad  | Evolution       | Résolu   | Haut     | Include firmware source code in the repository  |                   | 07/04/2020 11:41 AM | 1.1            |                | 100    |
| 317 | Hakeva                | Anomalie        | Nouveau  | Normal   | Improve MP4462 thermal dissipation with an heatsink                                       | François Cerbelle | 04/11/2023 10:22 PM | 0.1            | 1.00           | 0      |
| 291 | Hakeva                | Feature request | Nouveau  | Normal   | Implement UART  | François Cerbelle | 02/09/2023 09:05 AM | 0.1            | 5.00           | 0      |
| 289 | Hakeva                | Feature request | Résolu   | Normal   | Implement SyncW/AsyncR DP-SC in RAM module  | François Cerbelle | 01/10/2023 09:30 AM | 0.1            | 1.00           | 100    |

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| 290 | Hakeva                | Feature request | Résolu  | Normal   | Implement FIFO   | François Cerbelle | 01/11/2023 08:38 AM | 0.1            | 3.00           | 100    |
| 187 | PAC                   | Evolution       | Nouveau | Normal   | ILogger : Add severity/criticality level filter            | François Cerbelle | 11/21/2016 04:36 PM | Later          |                | 0      |
| 218 | FC005-ElectronicLoad  | Evolution       | Nouveau | Normal   | High voltage/current on a dedicated support as Backpanel   |                   | 07/04/2020 12:16 PM |                | 2.00           | 0      |
| 334 | mkernel               | Anomalie        | Résolu  | Normal   | HAVE_OPT fails to compile                                  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 359 | mkernel               | Evolution       | Résolu  | Normal   | Group svcmgr.c and modmgr.c in libmkernel                  | François Cerbelle | 01/29/2024 11:58 PM | 0.1            | 0.50           | 100    |
| 178 | PAC                   | Evolution       | Nouveau | Normal   | Graphical UI plugin (gtk)                                  | François Cerbelle | 10/25/2016 11:56 PM | Later          |                | 0      |
| 287 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Google analytics   |                   | 05/04/2021 08:05 PM |                |                | 0      |
| 207 | FC005-ElectronicLoad  | Anomalie        | Nouveau | Normal   | FTDI reset   |                   | 07/04/2020 12:17 PM |                | 2.00           | 0      |
| 356 | mkernel               | Evolution       | Résolu  | Normal   | Force Wall Wextra Werror ansi pedantic compilation options | François Cerbelle | 01/27/2024 05:00 PM | 0.1            |                | 100    |
| 223 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | fix Y1 crystal footprint                                   |                   | 07/04/2020 01:27 PM | 1.1            | 1.00           | 100    |
| 318 | Hakeva                | Anomalie        | Nouveau | Normal   | Fix XT30 footprint   | François Cerbelle | 04/11/2023 10:23 PM | 0.1            | 1.00           | 0      |
| 131 | Demo VM               | Anomalie        | Nouveau | Normal   | Fix Visualize.js VM sample                                 | François Cerbelle | 06/24/2014 08:11 PM | Later          |                | 0      |
| 357 | mkernel               | Anomalie        | Résolu  | Normal   | Fix strdup, strtok_r and vnsprintf functions in svcmgr.c   | François Cerbelle | 01/28/2024 05:09 PM | 0.1            | 2.00           | 100    |
| 199 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Fix status LEDs current limiting resistors                 |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 200 | FC005-ElectronicLoad  | Evolution       | Résolu  | Bas      | Fix L1 inductance footprint                                |                   | 07/04/2020 11:39 AM | 1.1            |                | 100    |
| 373 | mkernel               | Anomalie        | Résolu  | Bas      | Fix Doxygen errors   | François Cerbelle | 02/03/2024 01:28 PM | 0.1            | 0.50           | 100    |
| 268 | FC005-ElectronicLoad  | Anomalie        | Nouveau | Haut     | Fix connection C25/1 with track +5V !!!                    |                   | 10/06/2020 07:49 PM | 1.1            | 0.25           | 0      |
| 267 | FC005-ElectronicLoad  | Anomalie        | Nouveau | Normal   | Fix C15/C16 footprints                                     |                   | 10/06/2020 04:03 PM | 1.1            | 0.25           | 0      |
| 258 | fifo                  | Evolution       | Nouveau | Normal   | fifo_underflow port in fifo module                         |                   | 08/20/2020 01:12 PM | 1.0            | 1.00           | 0      |
| 260 | fifo                  | Evolution       | Nouveau | Normal   | fifo_overflow port in fifo module                          |                   | 08/20/2020 01:12 PM | 1.0            | 1.00           | 0      |
| 259 | fifo                  | Evolution       | Nouveau | Normal   | fifo_full port in fifo module                              |                   | 08/20/2020 01:12 PM | 1.0            | 1.00           | 0      |
| 257 | fifo                  | Evolution       | Nouveau | Normal   | fifo_empty port in fifo module                             |                   | 08/20/2020 01:12 PM | 1.0            | 1.00           | 0      |
| 266 | fifo                  | Evolution       | Nouveau | Normal   | fifo testbench   |                   | 08/20/2020 01:09 PM | 1.0            |                | 0      |
| 164 | PAC                   | Evolution       | Nouveau | Normal   | FeatureList  | François Cerbelle | 12/04/2016 10:56 PM | Next           |                | 0      |

| #   | Project               | Tracker         | Status  | Priority | Subject   | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|-----------------------|-----------------|---------|----------|---|-------------------|---------------------|----------------|----------------|--------|
| 255 | FC005-ElectronicLoad  | Evolution       | Résolu  | Normal   | Fan power from PowerPCB to commandPCB/Relay, back to power PCB                              |                   | 08/23/2020 05:12 PM |                |                | 0      |
| 202 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Fan not starting  |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 240 | Firmware              | Anomalie        | Nouveau | Normal   | External temperature sensors + protection (pause or stop)                                   |                   | 07/09/2020 06:09 PM | 1.0            |                | 0      |
| 249 | FC005-ElectronicLoad  | Evolution       | Nouveau | Normal   | ESP8266 connected to FTDI   |                   | 07/09/2020 06:21 PM |                |                | 0      |
| 150 | Puppet Modules        | Evolution       | Nouveau | Normal   | download : add owner management   | François Cerbelle | 01/28/2016 07:10 PM |                | 0.50           | 0      |
| 149 | Puppet Modules        | Evolution       | Nouveau | Normal   | download : add no-check-certificates management   | François Cerbelle | 01/28/2016 07:10 PM |                | 0.50           | 0      |
| 152 | Puppet Modules        | Evolution       | Nouveau | Normal   | download : add mode management  | François Cerbelle | 01/28/2016 07:11 PM |                | 0.50           | 0      |
| 151 | Puppet Modules        | Evolution       | Nouveau | Normal   | download : add group management   | François Cerbelle | 01/28/2016 07:11 PM |                | 0.50           | 0      |
| 376 | mkernel               | Evolution       | Nouveau | Normal   | Document memtrack, memdbg, memory and assert files  | François Cerbelle | 02/04/2024 05:30 PM | 0.1            | 3.00           | 0      |
| 122 | Puppet Modules        | Anomalie        | Résolu  | Haut     | distcc::params::allowednets cannot contain spaces, it breaks augeas rule in distcc::init.pp | François Cerbelle | 12/09/2013 03:56 PM |                | 1.00           | 100    |
| 303 | Hakeva                | Feature request | Résolu  | Normal   | Design the power switching between PCIe and ATX/XT30  | François Cerbelle | 02/26/2023 08:33 PM | 0.1            | 2.00           | 100    |
| 302 | Hakeva                | Evolution       | Résolu  | Normal   | Design the first stage of power supply 12V -> 5.5V  | François Cerbelle | 04/11/2023 10:25 PM | 0.1            | 5.00           | 100    |
| 278 | mkernel               | Anomalie        | Résolu  | Normal   | define and use DEFAULT_MODULE_PATH  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 160 | PAC                   | Evolution       | Nouveau | Normal   | daemonize   | François Cerbelle | 11/18/2016 11:41 PM | Later          |                | 0      |
| 206 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | DAC output is always 0V   |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 282 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Customize external links  |                   | 05/04/2021 07:59 PM |                |                | 0      |
| 241 | Firmware              | Anomalie        | Nouveau | Normal   | Current, Voltage, Power, Resistance control modes   |                   | 07/09/2020 06:09 PM | 1.0            |                | 0      |
| 323 | mkernel               | Feature request | Résolu  | Normal   | Create the windows installer with NSIS  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 330 | mkernel               | Feature request | Nouveau | Normal   | Create package as an APP(Bundle) in DMG or as a PKG installer for MacOSX                    | François Cerbelle | 02/02/2024 09:36 PM | Later          | 5.00           | 0      |
| 55  | Demo VM               | Evolution       | Nouveau | Normal   | Create MongoDB samples  | François Cerbelle | 01/25/2014 02:42 PM | Later          |                | 0      |



| #   | Project              | Tracker         | Status   | Priority | Subject  | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|----------------------|-----------------|----------|----------|--|-------------------|---------------------|----------------|----------------|--------|
| 369 | mkernel              | Feature request | En cours | Normal   | Create libdebug check test suite with memtrack, memdbg, memory, assert, dbg testcases and OOMs | François Cerbelle | 02/04/2024 09:33 PM | 0.1            | 5.00           | 30     |
| 181 | PAC                  | Evolution       | Nouveau  | Normal   | Create docs subfolder with LaTeX docs  | François Cerbelle | 11/10/2016 11:09 PM | Next           |                | 0      |
| 352 | mkernel              | Feature request | Nouveau  | Normal   | Create an internal structure : double linked list  | François Cerbelle | 01/25/2024 06:59 PM | 0.1            | 3.00           | 0      |
| 276 | mkernel              | Feature request | Résolu   | Normal   | Create an Applmage packaging subproject  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 274 | mkernel              | Feature request | Résolu   | Normal   | Create a Win/ZIP packaging subproject  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 273 | mkernel              | Feature request | Résolu   | Normal   | Create a Win/NSIS packaging subproject   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 272 | mkernel              | Feature request | Résolu   | Normal   | Create a TGZ packaging subproject  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 365 | mkernel              | Evolution       | Résolu   | Normal   | Create a test/testmodule to avoid using src/mkmodule   | François Cerbelle | 02/01/2024 12:11 AM | 0.1            | 0.50           | 100    |
| 271 | mkernel              | Feature request | Nouveau  | Normal   | Create a TCE packaging subproject  | François Cerbelle | 01/31/2024 09:37 PM | Later          | 5.00           | 0      |
| 366 | mkernel              | Feature request | Nouveau  | Normal   | Create a snap packaging subproject   | François Cerbelle | 01/31/2024 09:37 PM | Later          | 5.00           | 0      |
| 270 | mkernel              | Feature request | Nouveau  | Normal   | Create a RHEL packaging subproject   | François Cerbelle | 01/31/2024 09:37 PM | Later          | 5.00           | 0      |
| 275 | mkernel              | Feature request | Nouveau  | Normal   | Create a Flatpak packaging subproject  | François Cerbelle | 01/31/2024 09:37 PM | Later          | 5.00           | 0      |
| 299 | Hakeva               | Evolution       | Nouveau  | Normal   | Create a clean clock   | François Cerbelle | 01/12/2023 08:47 AM | 0.1            | 1.00           | 0      |
| 157 | PAC                  | Evolution       | En cours | Normal   | cppunit : tools::Property  | François Cerbelle | 12/02/2016 09:34 PM | Next           |                | 70     |
| 161 | PAC                  | Evolution       | Nouveau  | Normal   | cppunit : daemonize  | François Cerbelle | 11/18/2016 11:41 PM | Later          |                | 0      |
| 171 | PAC                  | Evolution       | Nouveau  | Normal   | cppunit : Application  | François Cerbelle | 11/29/2016 10:27 PM | Later          |                | 0      |
| 214 | FC005-ElectronicLoad | Evolution       | Résolu   | Normal   | Convert the whole security block to use only -12/+12 (no GND/5V anymore)                       |                   | 07/07/2020 12:15 AM | 1.1            |                | 100    |
| 230 | FC005-ElectronicLoad | Evolution       | Résolu   | Normal   | Convert the whole resistor block use only -12/+12 (no 5V dependency anymore)                   |                   | 07/14/2020 12:14 AM | 1.1            | 3.00           | 100    |
| 201 | FC005-ElectronicLoad | Anomalie        | Résolu   | Normal   | Connect the reset button on U10 reset pin  |                   | 07/03/2020 06:44 PM | 1.1            |                | 100    |
| 250 | FC005-ElectronicLoad | Anomalie        | Nouveau  | Bas      | Connect RTC interrupt line   |                   | 07/14/2020 05:41 PM |                | 1.00           | 0      |

| #   | Project               | Tracker         | Status  | Priority | Subject  | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|-----------------------|-----------------|---------|----------|--|-------------------|---------------------|----------------|----------------|--------|
| 229 | FC005-ElectronicLoad  | Evolution       | Résolu  | Normal   | Connect LM7805 to -12/+12 instead of GND/+12   |                   | 07/06/2020 01:41 PM | 1.1            | 1.00           | 100    |
| 217 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Compensate current drawn by LM7805 on GND/+12V only  |                   | 07/04/2020 12:06 AM | 1.1            |                | 100    |
| 338 | mkernel               | Evolution       | Nouveau | Normal   | commit -> dist+distcheck -> build+check(bin, dbg, werror, pdf) -> package(deb, deb-dbg, deb-dev, deb-docs, Applmage, exe, dmg, pkg) -> testpackage | François Cerbelle | 02/03/2024 01:29 PM | Later          | 5.00           | 40     |
| 251 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Haut     | Cleanup schema   |                   | 07/15/2020 04:54 PM | 1.1            | 2.00           | 100    |
| 231 | FC005-ElectronicLoad  | Anomalie        | Nouveau | Normal   | Choose and add an OpAmp as buffer / impedance adaptor between INT-TEMP/EXT-TEMP and ADC with conversion to 0-5V range for ADC                      |                   | 07/14/2020 11:59 AM | 1.1            | 1.00           | 0      |
| 235 | FC005-ElectronicLoad  | Anomalie        | Résolu  | Normal   | Choose and add an OpAmp as buffer / impedance adaptor between INT-TEMP and ADC   |                   | 07/14/2020 12:23 AM | 1.1            | 1.00           | 0      |
| 280 | francois.cerbelle.net | Evolution       | Nouveau | Normal   | Choose a new theme   |                   | 05/04/2021 07:08 PM |                |                | 0      |
| 203 | FC005-ElectronicLoad  | Evolution       | Résolu  | Normal   | Choose a better Crystal for Y1   |                   | 07/04/2020 03:18 PM | 1.1            |                | 100    |
| 360 | mkernel               | Evolution       | Résolu  | Normal   | Check/Test libmkernel instead of svcmgr and modmgr directly from /tests  | François Cerbelle | 01/30/2024 09:44 PM | 0.1            | 0.50           | 100    |
| 321 | mkernel               | Feature request | Nouveau | Normal   | Check update plugin checking redmine files   | François Cerbelle | 01/16/2024 04:42 PM | Later          |                | 0      |
| 362 | mkernel               | Evolution       | Résolu  | Normal   | Check and Optimize CFLAGS/CPPFLAGS/LDFLAGS/LDADD/LIBADD dependencies in src/Makefile.am  | François Cerbelle | 01/30/2024 09:42 PM | 0.1            | 1.00           | 100    |
| 296 | Hakeva                | Evolution       | Nouveau | Normal   | Change project id in Redmine and in Hg   | François Cerbelle | 01/11/2023 08:08 AM | 0.1            |                | 0      |
| 284 | francois.cerbelle.net | Feature request | Nouveau | Normal   | Category page  |                   | 05/04/2021 08:04 PM |                |                | 0      |
| 320 | mkernel               | Feature request | Nouveau | Normal   | Bugreport plugin to create a ticket in redmine with version number mandatory field   | François Cerbelle | 01/16/2024 04:41 PM | Later          |                | 0      |
| 372 | mkernel               | Anomalie        | Nouveau | Bas      | bug: bb_enable_doxygen does not find "dot", but set enable_dot=yes   | François Cerbelle | 02/02/2024 02:25 PM | 0.1            | 0.50           | 0      |
| 262 | fifo                  | Evolution       | Nouveau | Normal   | buffer testbench   |                   | 08/20/2020 01:04 PM | 1.0            |                | 0      |
| 364 | mkernel               | Evolution       | Résolu  | Normal   | Autoupdate configure.ac script and Doxyfile (doxygen -u )  | François Cerbelle | 02/02/2024 02:09 PM | 0.1            | 0.25           | 100    |
| 337 | mkernel               | Evolution       | Nouveau | Normal   | Automate Applmage tests  | François Cerbelle | 01/09/2024 07:07 PM | Later          | 1.00           | 0      |
| 170 | PAC                   | Evolution       | Nouveau | Normal   | Application Class  | François Cerbelle | 11/29/2016 10:27 PM | Later          |                | 0      |
| 68  | Demo VM               | Evolution       | Nouveau | Normal   | Apache2  | François Cerbelle | 04/09/2014 06:00 PM | Later          |                | 0      |

| #   | Project              | Tracker         | Status  | Priority | Subject   | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|----------------------|-----------------|---------|----------|---|-------------------|---------------------|----------------|----------------|--------|
| 248 | FC005-ElectronicLoad | Evolution       | Nouveau | Normal   | Analog Feedback Zero adjust. RV ?   |                   | 07/09/2020 06:21 PM |                |                | 0      |
| 125 | Demo VM              | Evolution       | Nouveau | Normal   | Adding/Updating JDBC driver to tomcat : Firebird                              | François Cerbelle | 02/03/2014 10:10 AM | Later          | 1.00           | 0      |
| 108 | Demo VM              | Evolution       | Nouveau | Normal   | Adding the Patch and configuration framework                                  | François Cerbelle | 04/09/2014 06:03 PM | Later          |                | 0      |
| 36  | Demo VM              | Evolution       | Nouveau | Normal   | Adding the auto-documentation framework                                       | François Cerbelle | 01/25/2014 02:42 PM | Later          | 8.00           | 0      |
| 355 | mkernel              | Evolution       | Résolu  | Normal   | Add Werror, pedantic and -ansi options by default in all Makefiles            | François Cerbelle | 01/26/2024 09:00 PM | 0.1            |                | 100    |
| 146 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add Watchdog puppet module  |                   | 08/22/2015 05:58 PM | 1.1            | 1.00           | 0      |
| 147 | Raspberry Pi Cluster | Evolution       | Résolu  | Normal   | Add Watchdog in initramfs   |                   | 08/22/2015 08:33 PM | 1.1            | 1.00           | 100    |
| 345 | mkernel              | Feature request | Résolu  | Normal   | Add vasprint test in checks for memdbg  | François Cerbelle | 01/31/2024 11:50 PM | 0.1            | 1.00           | 0      |
| 208 | FC005-ElectronicLoad | Anomalie        | Résolu  | Normal   | Add trimmer to tune the feedback gain to x66                                  |                   | 07/04/2020 11:40 AM | 1.1            |                | 100    |
| 28  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add systat/sar puppet module  | François Cerbelle | 12/01/2013 10:37 PM |                | 3.00           | 0      |
| 340 | mkernel              | Evolution       | Résolu  | Normal   | Add src/mkernel execution test in checks                                      | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 0.25           | 100    |
| 308 | Hakeva               | Feature request | Nouveau | Normal   | Add SPI Flash   | François Cerbelle | 03/22/2023 08:44 AM | 0.1            |                | 0      |
| 329 | mkernel              | Feature request | Résolu  | Normal   | Add shortcuts to the Start menu   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 0.50           | 100    |
| 314 | Hakeva               | Feature request | Nouveau | Normal   | Add SHA254  | François Cerbelle | 03/22/2023 08:46 AM | 0.1            |                | 0      |
| 137 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add rsyslogd puppet module (central log on master, log agents on slaves)      |                   | 08/22/2015 01:17 PM | 1.1            |                | 0      |
| 140 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add Readahead puppet module   |                   | 08/22/2015 01:21 PM | 1.1            |                | 0      |
| 139 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add preload puppet module   |                   | 08/22/2015 01:21 PM | 1.1            |                | 0      |
| 144 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add Prelink puppet module   |                   | 08/22/2015 01:19 PM | 1.1            |                | 0      |
| 311 | Hakeva               | Feature request | Nouveau | Normal   | Add PCIe connection   | François Cerbelle | 03/22/2023 08:45 AM | 0.1            |                | 0      |
| 23  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add passenger puppet module   | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 342 | mkernel              | Feature request | Résolu  | Normal   | Add out of memory test in checks for memdbg malloc                            | François Cerbelle | 02/02/2024 09:35 PM | 0.1            | 1.00           | 100    |
| 371 | mkernel              | Anomalie        | Résolu  | Normal   | Add OOM check for memtrack_addblock (Buildbot CI LCOV report misses line 243) | François Cerbelle | 02/01/2024 11:37 PM | 0.1            | 0.25           | 0      |

| #   | Project              | Tracker         | Status  | Priority | Subject  | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|----------------------|-----------------|---------|----------|--|-------------------|---------------------|----------------|----------------|--------|
| 145 | Raspberry Pi Cluster | Anomalie        | Nouveau | Normal   | Add ntp puppet module to serve the slaves from the master                              |                   | 08/22/2015 02:19 PM | 1.1            |                | 0      |
| 19  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add nagios puppet module   | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 24  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add mysql::client and mysql::server puppet module                                      | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 21  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add munin puppet module  | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 324 | mkernel              | Evolution       | Résolu  | Normal   | Add MicroKernel to Windows Add/Remove programs   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 0.50           | 100    |
| 325 | mkernel              | Evolution       | Résolu  | Normal   | Add Microkernel shortcut to Windows desktop in NSIS                                    | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 0.25           | 100    |
| 25  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add mcollective::server and mcollective::client puppet module                          | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 210 | FC005-ElectronicLoad | Anomalie        | Résolu  | Normal   | Add low pass filters on -12V, +12V and +5V   |                   | 07/03/2020 11:42 PM | 1.1            |                | 100    |
| 353 | mkernel              | Feature request | Résolu  | Normal   | Add libcheck unit tests for parallelisation and signal handling                        | François Cerbelle | 01/27/2024 09:09 PM | 0.1            | 1.00           | 100    |
| 307 | Hakeva               | Feature request | Nouveau | Normal   | Add JTAG connector   | François Cerbelle | 03/22/2023 08:44 AM | 0.1            |                | 0      |
| 133 | Demo VM              | Evolution       | Résolu  | Normal   | Add JasperEmbedSample to VM  | François Cerbelle | 06/27/2014 06:06 PM |                |                | 100    |
| 331 | mkernel              | Evolution       | Résolu  | Normal   | Add icon to application in task bar and to the application binary .exe                 | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 0.25           | 100    |
| 141 | Raspberry Pi Cluster | Evolution       | Nouveau | Normal   | Add heartbeat puppet module  |                   | 08/22/2015 01:21 PM | 1.1            |                | 0      |
| 185 | PAC                  | Evolution       | Nouveau | Normal   | Add gprof targets in tests/Makefile.am for CI  | François Cerbelle | 11/18/2016 11:41 PM | Later          |                | 0      |
| 26  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add glusterfs::server and glusterfs::client puppet module                              | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 367 | mkernel              | Evolution       | Nouveau | Normal   | Add GCC instrumentation (address, threads, leaks, pointers, ...) in debug compilations | François Cerbelle | 01/31/2024 01:52 PM | 0.1            | 2.00           | 0      |
| 132 | Demo VM              | Evolution       | Nouveau | Normal   | Add French holiday calendar in scheduler   | François Cerbelle | 02/24/2014 03:15 PM | Later          |                | 0      |
| 343 | mkernel              | Feature request | Résolu  | Normal   | Add free(neverallocatedblock) in checks for memdbg                                     | François Cerbelle | 01/31/2024 11:50 PM | 0.1            | 1.00           | 0      |
| 332 | mkernel              | Feature request | Résolu  | Normal   | Add entry in the FreeDesktop's start menu  | François Cerbelle | 01/15/2024 07:38 PM | 0.1            | 1.00           | 100    |
| 310 | Hakeva               | Feature request | Nouveau | Normal   | Add eMMC   | François Cerbelle | 03/22/2023 08:45 AM | 0.1            |                | 0      |
| 212 | FC005-ElectronicLoad | Evolution       | Résolu  | Normal   | Add debug test points for I2C  |                   | 07/04/2020 11:43 AM | 1.1            |                | 100    |

| #   | Project              | Tracker         | Status  | Priority | Subject  | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|----------------------|-----------------|---------|----------|--|-------------------|---------------------|----------------|----------------|--------|
| 211 | FC005-ElectronicLoad | Evolution       | Résolu  | Normal   | Add debug solder bridges to isolate each pin of each connector   |                   | 07/14/2020 07:12 PM | 1.1            | 1.00           | 100    |
| 192 | FC005-ElectronicLoad | Evolution       | Nouveau | Normal   | Add debouncing to the rotary encoder (selector and switch) and trigger using 74LS14 and 74LS74                         |                   | 07/06/2020 02:53 PM | 1.1            | 2.00           | 0      |
| 269 | mkernel              | Feature request | Résolu  | Normal   | Add Debian package build structure   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 100    |
| 309 | Hakeva               | Feature request | Nouveau | Normal   | Add DDR3   | François Cerbelle | 03/22/2023 08:44 AM | 0.1            |                | 0      |
| 363 | mkernel              | Feature request | Résolu  | Normal   | Add cppcheck HTML report generation to makefile  | François Cerbelle | 01/30/2024 09:42 PM | 0.1            | 0.25           | 100    |
| 335 | mkernel              | Feature request | Nouveau | Normal   | Add coverage (lcov) and profiling (gprof) statistic to buildbot (linux binaries) with publish in buildbot.cerbelle.net | François Cerbelle | 01/25/2024 07:05 PM | Later          | 2.00           | 50     |
| 20  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add collectd/graphite/carbon puppet module   | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 315 | Hakeva               | Feature request | Nouveau | Normal   | Add Clock  | François Cerbelle | 03/22/2023 09:14 AM | 0.1            |                | 0      |
| 319 | mkernel              | Anomalie        | Résolu  | Normal   | Add check for msgmerge program in configure.ac   | François Cerbelle | 01/15/2024 07:38 PM | 0.1            |                | 0      |
| 22  | Puppet Modules       | Evolution       | Nouveau | Normal   | Add apache puppet module   | François Cerbelle | 12/01/2013 10:38 PM |                |                | 0      |
| 341 | mkernel              | Anomalie        | Résolu  | Normal   | Add an autoconf option for gcov+gprof to decorrelate from debug  | François Cerbelle | 01/15/2024 11:33 PM | 0.1            | 0.50           | 100    |
| 135 | Demo VM              | Evolution       | Nouveau | Normal   | Add a topic to the DomainSecurity samples  | François Cerbelle | 06/24/2014 08:11 PM | Later          | 1.00           | 0      |
| 347 | mkernel              | Feature request | Résolu  | Normal   | Add a test for memtrack_1stblock_preinit in checks for memtrack  | François Cerbelle | 02/02/2024 12:15 AM | 0.1            | 1.00           | 100    |
| 216 | FC005-ElectronicLoad | Anomalie        | Résolu  | Normal   | Add a second fan to balance current between -12/+12 and for better heat protection                                     |                   | 07/07/2020 12:11 AM | 1.1            | 2.00           | 100    |
| 344 | mkernel              | Feature request | Résolu  | Normal   | Add a realloc test in checks for memdbg  | François Cerbelle | 01/31/2024 11:50 PM | 0.1            | 1.00           | 0      |
| 351 | mkernel              | Feature request | Nouveau | Normal   | Add a perftest check in tests to execute load tests and generate gprof stats   | François Cerbelle | 01/27/2024 04:53 PM | 0.1            | 2.00           | 0      |
| 349 | mkernel              | Feature request | Résolu  | Normal   | Add a memtrack_getblocksize_postinit test in checks for memtrack   | François Cerbelle | 02/02/2024 12:15 AM | 0.1            | 1.00           | 100    |
| 209 | FC005-ElectronicLoad | Anomalie        | Résolu  | Normal   | Add a low pass filter on 24V input   |                   | 07/04/2020 12:06 PM | 1.1            |                | 100    |
| 350 | mkernel              | Feature request | Résolu  | Normal   | Add a calloc test in checks for memdbg   | François Cerbelle | 01/31/2024 11:50 PM | 0.1            | 1.00           | 0      |

| #   | Project | Tracker         | Status  | Priority | Subject              | Assignee          | Updated             | Target version | Estimated time | % Done |
|-----|---------|-----------------|---------|----------|----------------------|-------------------|---------------------|----------------|----------------|--------|
| 313 | Hakeva  | Feature request | Nouveau | Normal   | Add 10G SPF+         | François Cerbelle | 03/22/2023 08:45 AM | 0.1            |                | 0      |
| 312 | Hakeva  | Feature request | Nouveau | Normal   | Add 10/100/1000 RJ45 | François Cerbelle | 03/22/2023 08:45 AM | 0.1            |                | 0      |