

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category | % Done |
|------|--------------|-------------|------------|----------|--|-------------|---------------------|----------|--------|
| 1355 | Tooltron | Task | Assigned | Normal | Document new Error codes on Cardbox | Kevin Woo | 05/10/2010 06:24 PM | | 0 |
| 1341 | Colony Scout | Task | Fixed | Normal | Level shifter for motor control/pwm signals | Kevin Woo | 07/29/2010 07:13 PM | Scoutfly | 0 |
| 1328 | Colony Scout | Task | Wontfix | Normal | Remove extraneous features from Scout | Kevin Woo | 07/29/2010 07:15 PM | Scoutfly | 0 |
| 1327 | Tooltron | Bug | Assigned | Normal | Server dies when internet is out | Brad Neuman | 04/24/2010 06:25 PM | | 0 |
| 1201 | Tooltron | Task | Duplicate | Normal | Document the Server | Brad Neuman | 05/11/2010 07:35 PM | | 0 |
| 1200 | Tooltron | Task | Duplicate | Normal | Update state machine interactions between cardbox and server | Kevin Woo | 04/09/2010 09:22 PM | | 0 |
| 1199 | Tooltron | Task | Assigned | Normal | Document the States of the toolbox/cardbox | Kevin Woo | 03/27/2010 08:53 PM | | 0 |
| 1198 | Tooltron | Task | Assigned | Normal | Document the Network Bootloader | Kevin Woo | 03/27/2010 08:54 PM | | 0 |
| 1179 | Tooltron | Bug | Fixed | High | Tool ACL issues | Brad Neuman | 03/27/2010 03:36 PM | | 0 |
| 1150 | Tooltron | Bug | Worksforme | Normal | Fix USB issue with RS485 chip on cardbox schematic/layout | Kevin Woo | 03/27/2010 08:47 PM | | 0 |
| 1145 | Tooltron | Task | Fixed | Normal | Figure out tool times for each tool | Brad Neuman | 03/23/2010 05:59 PM | | 0 |
| 1144 | Tooltron | Task | Fixed | Normal | Assign public tool numbers and print the list | Brad Neuman | 03/23/2010 06:00 PM | | 0 |
| 1143 | Tooltron | Task | Fixed | Normal | Mount cardbox | | 03/04/2010 11:45 PM | | 0 |
| 1142 | Tooltron | Task | Worksforme | Normal | Hot glue connectors in the two bandsaws | Kevin Woo | 03/27/2010 08:52 PM | | 50 |
| 1141 | Tooltron | Task | Fixed | Normal | Test Network programming with multiple tools | Brad Neuman | 03/04/2010 11:45 PM | | 0 |
| 1140 | Tooltron | Enhancement | Fixed | Normal | Tool ping packet | Kevin Woo | 03/03/2010 08:39 PM | | 0 |
| 1139 | Tooltron | Task | Fixed | Normal | Program correct tool IDs into the eeprom on all tools | Brad Neuman | 03/04/2010 11:46 PM | | 0 |
| 1138 | Tooltron | Task | Fixed | Normal | Reprogram all tools with new fuses/bootloader | Brad Neuman | 03/04/2010 11:46 PM | | 0 |
| 1137 | Tooltron | Task | Fixed | Normal | Modify rs482 connector for cardbox | Kevin Woo | 03/04/2010 11:47 PM | | 0 |
| 1133 | Tooltron | Bug | Fixed | Normal | Tool and server take wrong turnon message | Brad Neuman | 03/01/2010 02:41 AM | | 0 |
| 1132 | Tooltron | Enhancement | Wontfix | Normal | Add a FUSE section to the bootloader | Kevin Woo | 02/24/2010 06:22 PM | | 0 |
| 1131 | Tooltron | Bug | Fixed | Normal | network programming script sends 1 too many packets | Brad Neuman | 02/28/2010 03:31 PM | | 0 |
| 1130 | Tooltron | Bug | Fixed | Normal | add compiler directive to prevent stack junk | Kevin Woo | 02/24/2010 05:53 PM | | 0 |
| 1128 | Tooltron | Enhancement | Fixed | Normal | Reorganize repository to share common code | Kevin Woo | 02/24/2010 01:14 AM | | 0 |
| 1126 | Tooltron | Task | Fixed | Normal | Test new cardbox board | Kevin Woo | 03/04/2010 12:46 AM | | 0 |
| 1125 | Tooltron | Task | Fixed | Normal | Cut usb cable to make new cardbox cable | Kevin Woo | 02/27/2010 02:25 PM | | 0 |
| 1124 | Tooltron | Task | Fixed | Normal | Jump table for user code | Kevin Woo | 02/28/2010 05:00 PM | | 0 |
| 1123 | Tooltron | Task | Fixed | Normal | clear user code jump when programming | Kevin Woo | 02/23/2010 09:57 PM | | 0 |
| 1122 | Tooltron | Task | Fixed | Normal | Send nacks | Kevin Woo | 02/23/2010 09:58 PM | | 0 |
| 1120 | Tooltron | Task | Fixed | Normal | Packet handler timeouts | Kevin Woo | 02/23/2010 09:29 PM | | 0 |

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| 1119 | Tooltron | Task | Fixed | Normal | Watchdog Reset | Kevin Woo | 02/23/2010 11:14 PM | | 100 |
| 1104 | Tooltron | Bug | Fixed | Normal | Remove magic number from uart init | Kevin Woo | 03/01/2010 02:40 AM | | 0 |
| 1103 | Tooltron | Bug | Fixed | Normal | Tools send wrong Ack message | Kevin Woo | 03/01/2010 02:42 AM | | 0 |
| 1102 | Colony Scout | Task | Fixed | Normal | Make JST 2,3,4 pin connector footprints | Kevin Woo | 02/10/2010 04:16 PM | Scoutfly | 0 |
| 1101 | Colony Scout | Bug | Fixed | Normal | Add JST connectors to the bottom side for the front sensors | Kevin Woo | 02/22/2010 02:39 PM | Scoutfly | 0 |
| 1100 | Colony Scout | Task | Fixed | Normal | Spec 2, 3 and 4 pin JST ZH connectors | Kevin Woo | 02/10/2010 03:21 PM | Scoutfly | 0 |
| 1099 | Colony Scout | Bug | Fixed | Normal | Remove Extra FFC | Kevin Woo | 02/22/2010 02:47 PM | Scoutfly | 0 |
| 1093 | Colony Scout | Bug | Fixed | Normal | Stepper controller should be powered by VCC | Kevin Woo | 02/22/2010 02:51 PM | Scoutfly | 0 |
| 1090 | Tooltron | Task | Wontfix | Normal | Buy OR gates | Kevin Woo | 02/23/2010 08:37 PM | | 0 |
| 1089 | Tooltron | Enhancement | Fixed | Normal | New Cardbox Board | Kevin Woo | 02/23/2010 08:37 PM | | 0 |
| 1088 | Colony Scout | Bug | Invalid | Normal | Switch motor power from VCC to VBatt | Kevin Woo | 07/29/2010 07:15 PM | Scoutfly | 0 |
| 1087 | Colony Scout | Task | Fixed | Normal | Design Breakfly | Rohan Aletty | 10/04/2010 03:10 AM | Breakfly | 90 |
| 1086 | Colony Scout | Task | Invalid | Normal | Design debug board | Emily Hart | 07/29/2010 07:19 PM | Scoutfly | 0 |
| 1085 | Colony Scout | Task | Fixed | Normal | Get the BreakFly Dimensions and positioning | Dan Shope | 02/09/2010 06:52 PM | Mechanical | 0 |
| 1079 | Tooltron | Enhancement | Fixed | Normal | Network Programming Support | Brad Neuman | 02/27/2010 02:25 PM | | 0 |
| 1046 | Colony Scout | Task | Fixed | Low | Update BOM | Kevin Woo | 02/06/2010 09:15 PM | Scoutfly | 0 |
| 1045 | Colony Scout | Task | Fixed | Normal | Add a USB A port to the board on the host controller | Kevin Woo | 02/05/2010 11:11 PM | Scoutfly | 0 |
| 1044 | Colony Scout | Bug | Fixed | Normal | Choose a new rtc backup battery | Kevin Woo | 02/06/2010 09:04 PM | Scoutfly | 0 |
| 1039 | Colony Scout | Bug | Fixed | Normal | Tie oscsel to the RTC Battery | Kevin Woo | 02/22/2010 02:52 PM | Scoutfly | 0 |
| 1038 | Colony Scout | Task | Fixed | Normal | Modify Power supply | Kevin Woo | 01/22/2010 08:24 PM | Scoutfly | 0 |
| 1037 | Colony Scout | Task | Fixed | Normal | Put 50MHz oscillator on the ethernet phy chip | Kevin Woo | 02/05/2010 11:16 PM | Scoutfly | 0 |
| 1036 | Colony Scout | Task | Invalid | Normal | Doublecheck SDRAM footprint | Kevin Woo | 01/26/2010 11:28 PM | Scoutfly | 0 |
| 1035 | Colony Scout | Bug | Fixed | Normal | Redo decoupling caps on ARM | Kevin Woo | 01/22/2010 05:20 PM | Scoutfly | 0 |
| 1032 | Colony Scout | Bug | Fixed | Normal | Part Change | Kevin Woo | 02/05/2010 11:21 PM | Scoutfly | 0 |
| 1023 | Colony Scout | Task | Fixed | Normal | Double check ARM Analog VDD supply voltage | Kevin Woo | 01/19/2010 02:31 PM | Scoutfly | 0 |
| 1022 | Colony Scout | Bug | Fixed | Normal | Replace hex schmitt triggers with duals | Kevin Woo | 01/19/2010 02:28 PM | Scoutfly | 0 |
| 1021 | Colony Scout | Bug | Fixed | Normal | I2C Level shifter on the AVR I2C lines | Kevin Woo | 01/19/2010 02:16 PM | Scoutfly | 0 |
| 1018 | Colony Scout | Task | Fixed | Normal | Test motor backdrive | Kevin Woo | 07/29/2010 07:18 PM | Scoutfly | 0 |
| 1017 | Colony Scout | Enhancement | Wontfix | Normal | Separate grounds | Kevin Woo | 07/29/2010 07:12 PM | Scoutfly | 0 |
| 1016 | Colony Scout | Enhancement | Wontfix | Normal | ESD Protection | Kevin Woo | 07/29/2010 07:14 PM | Scoutfly | 0 |
| 1015 | Colony Scout | Enhancement | Fixed | Normal | Resnets for LED arrays | Kevin Woo | 01/16/2010 02:47 PM | Scoutfly | 0 |
| 1013 | Colony Scout | Bug | Fixed | Normal | Circuit simulate LEDs | Kevin Woo | 01/16/2010 12:22 AM | Scoutfly | 0 |

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|------|--------------|-------------|------------|----------|---|-----------------|---------------------|-----------|--------|
| 1005 | Colony Scout | Bug | Fixed | Normal | Move pushbutton to ffc | Kevin Woo | 01/15/2010 04:58 PM | Scoutfly | 0 |
| 1004 | Colony Scout | Bug | Fixed | Normal | Split power into input and output connectors | Kevin Woo | 01/15/2010 04:55 PM | Scoutfly | 0 |
| 1003 | Colony Scout | Enhancement | Fixed | Normal | Replace giant DPAK BJTs with a smaller one | Kevin Woo | 01/15/2010 04:35 PM | Scoutfly | 0 |
| 985 | Colony Scout | Bug | Fixed | Normal | Add RX/TX UART pin bypass to the AVR for debugging | Kevin Woo | 01/13/2010 08:22 PM | Scoutfly | 0 |
| 984 | Colony Scout | Bug | Fixed | Normal | Add ffc connectors to the board to replace cgrids | Kevin Woo | 01/14/2010 02:42 AM | Scoutfly | 0 |
| 983 | Colony Scout | Bug | Fixed | Normal | Add micro a/b usb-otg connector | Kevin Woo | 01/15/2010 10:00 PM | Scoutfly | 0 |
| 982 | Colony Scout | Bug | Fixed | Normal | Add UART for the BOM | Kevin Woo | 01/13/2010 08:24 PM | Scoutfly | 0 |
| 981 | Colony Scout | Bug | Fixed | Normal | Modify accessory ports | Kevin Woo | 01/13/2010 08:25 PM | Scoutfly | 0 |
| 973 | Colony Scout | Task | Fixed | Normal | Share schematic + board on dropbox with dan | Kevin Woo | 01/12/2010 05:34 AM | Scoutfly | 0 |
| 972 | Colony Scout | Enhancement | Fixed | Normal | Replace RF chip crystal with smaller oscillator | Kevin Woo | 01/12/2010 09:34 PM | Scoutfly | 0 |
| 971 | Colony Scout | Enhancement | Fixed | Normal | Remove led bar and use individual LEDs instead | | 01/11/2010 08:32 PM | | 0 |
| 970 | Colony Scout | Task | Fixed | Normal | Find all resistors we need | Kevin Woo | 02/06/2010 09:05 PM | Scoutfly | 0 |
| 969 | Colony Scout | Task | Fixed | Normal | Look for smaller ethernet connector | Kevin Woo | 01/15/2010 10:55 PM | Scoutfly | 0 |
| 968 | Colony Scout | Task | Fixed | Normal | Double-check Resistor Divider Values | Kevin Woo | 01/13/2010 08:15 PM | Scoutfly | 0 |
| 967 | Colony Scout | Task | Fixed | Normal | Double-check IC Footprints | Kevin Woo | 01/13/2010 12:24 AM | Scoutfly | 0 |
| 693 | Colony | Bug | Assigned | Tabled | Better sanity check for invalid BOM type | John Sexton | 10/01/2010 05:45 PM | Hardware | 0 |
| 617 | Tooltron | Task | Invalid | Normal | Buy Conduit | Jimmy Bourne | 03/27/2010 08:52 PM | | 50 |
| 506 | Tooltron | Task | Fixed | Normal | Mount Tooltron Boards | Paul Desiderio | 03/05/2010 01:28 AM | | 0 |
| 503 | Tooltron | Enhancement | Fixed | Normal | Tool usage logging | Brad Neuman | 01/18/2010 06:45 PM | | 0 |
| 491 | Colony | Bug | Worksforme | Normal | ADC ref voltage issue with range finders | Chris Mar | 10/01/2010 07:45 PM | Hardware | 100 |
| 490 | Colony | Task | Fixed | Normal | Spec out new wheels for the robot | Austin Buchan | 09/10/2009 04:54 PM | Hardware | 100 |
| 446 | Colony | Task | Wontfix | Normal | Implement the BOM in the Simulator | Brad Neuman | 09/30/2010 08:17 PM | Simulator | 0 |
| 445 | Colony | Task | Wontfix | Normal | Test Orb Driver Code | Austin Buchan | 09/30/2010 09:05 PM | Library | 0 |
| 391 | Colony | Task | Wontfix | Normal | Investigate and profile the avr-libc floating point emulation | Brad Neuman | 09/25/2010 03:18 PM | Library | 0 |
| 390 | Colony | Task | Feedback | Tabled | Investigate how to use the JTAG ICE | Nico Paris | 09/24/2009 11:08 AM | Hardware | 0 |
| 388 | Colony | Enhancement | Wontfix | Low | Make RTC more granular and adjustable | Martin Herrmann | 09/25/2010 03:09 PM | Library | 0 |
| 387 | Colony | Task | Fixed | Normal | Talk to Aaron about the JTAG ICE and how to use | Kevin Woo | 04/03/2009 10:01 AM | Hardware | 0 |
| 368 | Colony | Task | Assigned | Tabled | Make sure all robots program the correct xbee id from eeprom | Brian Coltin | 10/02/2010 07:24 PM | Library | 0 |
| 367 | Colony | Enhancement | Fixed | Normal | Prevent loading of non robot code into the simulator | Brad Neuman | 04/10/2009 05:13 PM | Simulator | 0 |
| 354 | Colony | Task | Fixed | Low | Clean up presentations and papers | Kevin Woo | 09/24/2010 01:53 PM | | 0 |
| 353 | Colony | Task | Fixed | Normal | Make Doxygen Tutorial/Presentation | Alex Zirbel | 12/14/2011 05:27 PM | | 0 |

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|-----|---------|-------------|------------|----------|---|-----------------|---------------------|-----------------------|--------|
| 352 | Colony | Task | Wontfix | Normal | Research alternatives for xbee dongles | James Kong | 09/09/2009 10:30 PM | Hardware | 0 |
| 351 | Colony | Task | Wontfix | Tabled | Add bayboard and chargeboard status table | Austin Buchan | 09/30/2010 07:53 PM | Hardware | 0 |
| 340 | Colony | Enhancement | Fixed | Tabled | Respin the XBee Dongles | Nico Paris | 09/30/2010 07:52 PM | Hardware | 0 |
| 339 | Colony | Task | Fixed | Normal | Clean up memory for multiple robots in simulator | Brad Neuman | 04/03/2009 05:09 PM | Simulator | 0 |
| 338 | Colony | Task | Wontfix | Tabled | Program Bayboard EEPROM | Austin Buchan | 09/30/2010 07:54 PM | Autonomous Recharging | 0 |
| 337 | Colony | Task | Wontfix | High | Update Wireless Maximum Number of XBees | Brian Coltin | 10/02/2010 07:11 PM | Library | 0 |
| 336 | Colony | Task | Fixed | Low | Port Old Public Colony Page | Kevin Woo | 03/21/2009 12:50 PM | | 0 |
| 335 | Colony | Task | Fixed | Low | Testing new encoder mounts | Ben Poole | 03/21/2009 12:49 PM | Hardware | 0 |
| 330 | Colony | Task | Invalid | Tabled | Investigate the Use of TI Zigbee Chip for Next Revision | | 09/30/2010 07:46 PM | Hardware | 0 |
| 323 | Colony | Enhancement | Fixed | Tabled | Wireless bootloading | Ryan Cahoon | 09/26/2009 04:54 AM | | 90 |
| 322 | Colony | Task | Fixed | High | Depsit SURG Checks | James Kong | 03/21/2009 12:47 PM | Administration | 0 |
| 321 | Colony | Task | Fixed | Low | Talk to Austria Micro about Encoder Magnet Misalignment Issues | Chris Mar | 03/21/2009 12:49 PM | Hardware | 0 |
| 320 | Colony | Enhancement | New | Tabled | Automatically update robot status page with testing station | | 03/21/2009 12:55 PM | Diagnostic Station | 0 |
| 319 | Colony | Task | Wontfix | High | Talk to Priya About Xbee Dongles | James Kong | 03/21/2009 12:49 PM | Hardware | 0 |
| 318 | Colony | Task | Fixed | High | Testing colony trac ticket emails | Kevin Woo | 03/21/2009 12:47 PM | Administration | 0 |
| 317 | Colony | Task | Fixed | Low | Find AVR presentation | Kevin Woo | 03/21/2009 12:50 PM | | 0 |
| 316 | Colony | Task | Fixed | High | SURG S09 Application | Austin Buchan | 03/21/2009 12:47 PM | Administration | 0 |
| 315 | Colony | Enhancement | Wontfix | Low | Joystick control cleanup | Bradley Yoo | 03/21/2009 12:50 PM | Library | 0 |
| 314 | Colony | Task | Worksforme | High | Send Charging Board Documents to Kevin | Brad Neuman | 03/21/2009 12:48 PM | Autonomous Recharging | 0 |
| 313 | Colony | Task | Fixed | Low | Move wiki to trac | Kevin Woo | 03/21/2009 12:47 PM | Administration | 0 |
| 312 | Colony | Task | Fixed | High | Make the wireless presentation | Brian Coltin | 03/21/2009 12:50 PM | | 0 |
| 311 | Colony | Enhancement | Fixed | Normal | Homing beacon sensor mount | Jimmy Bourne | 03/21/2009 12:49 PM | Hardware | 0 |
| 310 | Colony | Task | Fixed | Normal | Fix milestones and categories for trac | Kevin Woo | 03/21/2009 12:47 PM | Administration | 0 |
| 309 | Colony | Enhancement | Fixed | High | Make 1 source for library files | Brian Coltin | 03/21/2009 12:50 PM | Library | 0 |
| 308 | Colony | Task | Wontfix | High | Wireless - merge the bayboard and dragonfly versions | Brian Coltin | 09/30/2010 08:36 PM | Library | 0 |
| 307 | Colony | Task | Fixed | Low | Merge encoders into the trunk | Justin Scheiner | 03/21/2009 12:50 PM | Library | 0 |
| 306 | Colony | Bug | Fixed | Tabled | BOM 1.5 Shift register error | Austin Buchan | 03/21/2009 12:50 PM | Library | 0 |
| 305 | Colony | Bug | Wontfix | Normal | Wireless - number of robots in token ring doesn't report right number | Brian Coltin | 09/24/2010 01:51 PM | Library | 0 |

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| 304 | Colony | Enhancement | Invalid | Low | Rangefinders code distance comments | Brad Neuman | 03/21/2009 12:50 PM | Library | 0 |
| 303 | Colony | Bug | Fixed | Normal | Bayboard orb and beacons can't be on at the same time | Austin Buchan | 03/21/2009 12:48 PM | Autonomous Recharging | 0 |
| 302 | Colony | Enhancement | Fixed | Low | Encoders documentation | Justin Scheiner | 03/21/2009 12:50 PM | Library | 0 |
| 301 | Colony | Task | Fixed | Low | Fix analog8.c doxygen comments | Kevin Woo | 03/21/2009 12:50 PM | Library | 0 |
| 298 | Colony | Task | Wontfix | Low | Copy old repository to roboclub8 | Kevin Woo | 03/21/2009 12:47 PM | Administration | 0 |
| 295 | Colony | Task | Fixed | High | Set up email notification on trac | Kevin Woo | 03/21/2009 12:47 PM | Administration | 0 |
| 274 | Colony | Task | Fixed | Low | Unit Test Architecture | Brad Neuman | 03/21/2009 12:51 PM | | 0 |
| 264 | Colony | Task | Worksforme | High | Thought Paper | James Kong | 03/21/2009 12:47 PM | Administration | 0 |
| 241 | Colony | Enhancement | Fixed | Low | Video From ColoNet GUI | Greg Tress | 03/21/2009 12:48 PM | Autonomous Recharging | 0 |
| 240 | Colony | Task | Fixed | Tabled | delay_ms rewrite | Kevin Woo | 03/21/2009 12:50 PM | Library | 0 |
| 239 | Colony | Task | Fixed | Tabled | Port Old Meeting Minutes Over | James Kong | 03/21/2009 12:47 PM | Administration | 0 |
| 237 | Colony | Enhancement | Feedback | Tabled | Design Dragonfly Replacement Board | | 03/21/2009 12:54 PM | Hardware | 0 |
| 230 | Colony | Enhancement | Worksforme | Normal | More Friendly Makefile for Library Work | Brian Coltin | 03/21/2009 12:50 PM | Library | 0 |
| 214 | Colony | Enhancement | Fixed | Normal | Wrapper functions for backwards compatability on BOM | Chris Mar | 03/21/2009 12:50 PM | Library | 0 |
| 203 | Colony | Enhancement | Wontfix | Low | I2C Multimaster for USI port | Kevin Woo | 03/21/2009 12:50 PM | Library | 0 |
| 202 | Colony | Bug | Invalid | High | Analog Port | Kevin Woo | 03/21/2009 12:50 PM | Library | 0 |
| 201 | Colony | Task | Invalid | Normal | High Intensity Light Prototype | Terrence Copney | 03/21/2009 12:50 PM | | 0 |
| 200 | Colony | Task | Wontfix | Normal | Protpe Tricolor Object ID | Andrew Yeager | 03/21/2009 12:50 PM | | 0 |
| 199 | Colony | Task | Wontfix | Low | Research RFID | Victor Marmol | 03/21/2009 12:50 PM | | 0 |
| 183 | Colony | Task | Fixed | Normal | Write Encoder Library | Brad Neuman | 03/21/2009 12:49 PM | Hardware | 0 |