

## Issues

| #    | Project                   | Tracker     | Status      | Priority | Subject  | Assignee    | Updated             | Category           | % Done |
|------|---------------------------|-------------|-------------|----------|--|-------------|---------------------|--------------------|--------|
| 2784 | vdemo                     | Enhancement | New         | Normal   | check status with other modality than color  |             | 05/22/2019 06:41 PM |                    | 0      |
| 2778 | vdemo                     | Bug         | New         | Low      | vdemo perturbed by bashrc print-outs   |             | 10/24/2018 09:52 AM |                    | 0      |
| 2772 | Robotics Service Bus      | Enhancement | New         | Normal   | Uniformed path for System-Config in Windows  |             | 10/15/2018 10:31 AM | Configuration      | 0      |
| 2758 | Automated Build Generator | Feature     | New         | Normal   | Add support for Xvfb Jenkins plugin  | J. Moringen | 09/10/2018 09:33 AM | Jenkins API        | 0      |
| 2756 | Automated Build Generator | Bug         | In Progress | Normal   | Suffix "d0" appended to branch name  | J. Moringen | 08/28/2018 11:17 PM | Project Analysis   | 0      |
| 2754 | Automated Build Generator | Bug         | Feedback    | Normal   | Bad Error Messages   | J. Moringen | 06/13/2018 11:15 AM | Project Analysis   | 0      |
| 2753 | Robotics Service Bus      | Bug         | New         | Normal   | Introspection Bugs   | J. Moringen | 06/13/2018 09:56 AM | Introspection      | 0      |
| 2751 | Visualization             | Bug         | New         | Normal   | [Snapping] does not seem to properly work on actual connectors   |             | 04/24/2018 01:51 PM |                    | 0      |
| 2750 | Visualization             | Enhancement | New         | Normal   | [BREAKPOINTS] Distinguish between snapping based on breakpoints on the same connection vs other nodes in the scene |             | 04/24/2018 01:44 PM |                    | 0      |
| 2745 | Automated Build Generator | Feature     | In Progress | Normal   | Orchestration  | J. Moringen | 11/21/2017 11:03 PM | Template           | 50     |
| 2743 | Robotics Service Bus      | Tasks       | In Progress | Normal   | Release version 0.18   | J. Moringen | 02/07/2019 11:54 AM | Release Management | 90     |
| 2737 | Robotics Systems Types    | Feature     | Feedback    | Normal   | Add "Corenlp Dependency Tree" to SpeechHypothesis  | D. Hamann   | 10/16/2017 09:23 PM | Type Proposal      | 0      |
| 2705 | RSB OpenCV                | Feature     | New         | Normal   | Save received images to disk   | L. Ziegler  | 01/26/2017 01:11 PM |                    | 0      |
| 2704 | RSB OpenCV                | Feature     | New         | High     | Add command line option for rsb_videosender and _receiver to configure frame resolution                            | S. Wrede    | 01/26/2017 01:11 PM |                    | 0      |
| 2703 | RSB OpenCV                | Bug         | New         | Normal   | Videoreceiver in FaceDetection mode deadlocks upon restart of image informer                                       |             | 01/26/2017 01:11 PM |                    | 0      |
| 2702 | RSB OpenCV                | Feature     | New         | Normal   | Disambiguate lplImage Converter in VideoReceiver   | S. Wrede    | 01/26/2017 01:11 PM |                    | 0      |
| 2701 | RSB OpenCV                | Bug         | New         | Normal   | Debian package depends on librst\${VERSION_MAJOR}.\${VERSION_MINOR}  |             | 01/26/2017 01:11 PM |                    | 0      |
| 2700 | RSB OpenCV                | Bug         | New         | Normal   | Add CMake check if qt backend is available   | S. Wrede    | 01/26/2017 01:11 PM |                    | 0      |
| 2699 | RSB OpenCV                | Enhancement | In Progress | Normal   | Refactor existing applications according to new rsb-cv architecture  | S. Wrede    | 01/26/2017 01:11 PM |                    | 20     |
| 2698 | RSB OpenCV                | Enhancement | In Progress | Normal   | Refactoring of rsb-cv  | S. Wrede    | 01/26/2017 01:11 PM |                    | 20     |
| 2697 | RSB OpenCV                | Tasks       | New         | Normal   | Implement ROIExtractor   | S. Wrede    | 01/26/2017 01:11 PM |                    | 0      |
| 2696 | RSB OpenCV                | Tasks       | New         | Normal   | Extract face listener to FaceProvider class  |             | 01/26/2017 01:11 PM |                    | 0      |
| 2695 | RSB OpenCV                | Bug         | New         | Normal   | Videoreceiver stops updating if no face events are received  |             | 01/26/2017 01:11 PM |                    | 0      |
| 2694 | RSB OpenCV                | Feature     | In Progress | Normal   | Integrate (GPU-enabled) face detector  | S. Wrede    | 01/26/2017 01:11 PM |                    | 50     |
| 2693 | RSB OpenCV                | Enhancement | In Progress | Normal   | Change configuration to rsc config cascade with command line handling  | S. Wrede    | 01/26/2017 01:11 PM |                    | 50     |
| 2691 | RSB OpenCV                | Tasks       | New         | Normal   | Switch to new C++ OpenCV API   |             | 01/26/2017 01:11 PM |                    | 0      |
| 2690 | RSB OpenCV                | Tasks       | In Progress | Normal   | Separate CMakeFile for Packaging   | S. Wrede    | 01/26/2017 01:11 PM |                    | 90     |
| 2689 | RSB OpenCV                | Tasks       | New         | Normal   | Provide Tide Files for Easier Testing of the Different Formats   | S. Wrede    | 01/26/2017 01:11 PM |                    | 0      |
| 2686 | Robotics Service Bus      | Bug         | New         | Normal   | CL tools sometimes fail to connect to localhost  | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools  | 0      |
| 2676 | RSBag                     | Enhancement | New         | Normal   | Allow to specify output stream for show-progress style "ready"   | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools  | 0      |
| 2675 | RSBag                     | Bug         | New         | Normal   | show-progress online help doesn't list available styles  | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools  | 0      |

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| 2673 | Robotics Service Bus      | Feature     | In Progress | Normal   | In addition to DISPLAY_NAME, the introspection system should accept a DISPLAY_VERSION or similar | J. Moringen | 10/16/2017 09:23 PM | Introspection                | 0      |
| 2655 | Automated Build Generator | Bug         | Feedback    | Normal   | Variables defined on cmdline or in distribution-context cannot be used in versions section.      |             | 02/23/2017 11:32 AM | Processing Model             | 0      |
| 2648 | Robotics Service Bus      | Feature     | New         | Low      | Setters for TimesyncStrategy options   |             | 12/12/2018 03:10 PM | Timesync                     | 0      |
| 2630 | RSB Depth Sensor Support  | Feature     | New         | Normal   | Add class for synchronization to library   |             | 07/26/2016 08:01 PM |                              | 0      |
| 2629 | RSB Depth Sensor Support  | Feature     | New         | Normal   | Allow TypedStreams to generate a std::map<std::string, std::string> containing Meta-Data         |             | 07/26/2016 08:00 PM |                              | 0      |
| 2628 | Automated Build Generator | Enhancement | New         | Normal   | Stick versions as tarball  |             | 02/23/2017 11:32 AM |                              | 0      |
| 2626 | Robotics Systems Types    | Tasks       | In Progress | High     | Separate libraries for protocol buffer converter plugins and specialized converter plugins       |             | 10/16/2017 09:23 PM | Build System                 | 30     |
| 2624 | RSB Depth Sensor Support  | Bug         | New         | Normal   | Timeouts using the RPC interface   |             | 07/26/2016 10:51 AM |                              | 0      |
| 2617 | Robotics Systems Types    | Tasks       | New         | Normal   | Please document usage of RST with RSB  |             | 10/16/2017 09:23 PM | documentation                | 0      |
| 2613 | RSB Coordinate Transform  | Bug         | New         | Low      | rct requests and current system time   |             | 07/15/2016 03:39 PM |                              | 0      |
| 2612 | Robotics Systems Types    | Bug         | New         | Normal   | Wrong RST version used in python when building downstream project with setupools                 |             | 07/14/2016 04:59 PM | python                       | 0      |
| 2607 | RSB Coordinate Transform  | Bug         | New         | Low      | Fix performance issues   |             | 07/13/2016 05:00 PM |                              | 0      |
| 2606 | RSB Coordinate Transform  | Bug         | New         | Normal   | Eliminate timestamp field in the Transformation RST  |             | 07/13/2016 04:56 PM |                              | 0      |
| 2605 | RSB Coordinate Transform  | Bug         | New         | Normal   | Eliminate ROS dependency   |             | 07/13/2016 04:54 PM |                              | 0      |
| 2604 | RSB Coordinate Transform  | Tasks       | New         | Normal   | Create transformation type which holds multiple transformations                                  |             | 07/13/2016 04:52 PM |                              | 0      |
| 2603 | RSB Coordinate Transform  | Tasks       | New         | Normal   | Move internal transform type to RST  |             | 07/13/2016 04:51 PM |                              | 0      |
| 2602 | RSB Coordinate Transform  | Tasks       | New         | Normal   | Merge RCT from the github repositories   | N. Köster   | 07/13/2016 04:55 PM |                              | 0      |
| 2588 | NAO Coordination          | Feature     | New         | Normal   | Migrate to MPS3.4 and tag master branch  | M. Goerlich | 07/04/2016 03:57 PM |                              | 0      |
| 2563 | RSBag                     | Enhancement | New         | High     | Flush indices based on combined memory consumption of all indices                                | J. Moringen | 10/16/2017 09:23 PM | TIDELog Backend              | 0      |
| 2559 | Robotics Service Bus      | Tasks       | New         | Normal   | Scope renaming   |             | 06/08/2016 02:18 PM |                              | 0      |
| 2558 | RSBag                     | Bug         | In Progress | Normal   | Events with same timestamps are replayed with changed order                                      | J. Moringen | 10/16/2017 09:23 PM | Replay                       | 20     |
| 2557 | Automated Build Generator | Feature     | New         | Normal   | Automatically generate "Generate Distribution" Job   | J. Moringen | 02/23/2017 11:33 AM | Deployment                   | 0      |
| 2555 | Robotics Service Bus      | Feature     | In Progress | Normal   | Allow easy debugging of RSB configuration  | J. Moringen | 10/16/2017 09:23 PM | Configuration                | 90     |
| 2550 | Robotics Systems Commons  | Feature     | New         | Low      | synchronized priority_queue  |             | 06/15/2016 12:39 PM | Threading                    | 0      |
| 2538 | Robotics Systems Commons  | Enhancement | New         | Normal   | Include SIGHUP in signal handling code   |             | 10/16/2017 09:23 PM |                              | 0      |
| 2529 | Robotics Service Bus      | Tasks       | New         | Normal   | Wait for confirmation when joining Spread groups [Python]  |             | 10/16/2017 09:23 PM | Python                       | 0      |
| 2479 | RSBag                     | Tasks       | New         | Normal   | Bag as bus server crashes in case client is closed   | J. Moringen | 10/16/2017 09:23 PM |                              | 0      |
| 2472 | Robotics Systems Commons  | Bug         | In Progress | Normal   | Under windows rsc::misc timestamps are in milliseconds.  | J. Moringen | 02/02/2018 09:12 PM | Operating System Abstraction | 80     |
| 2442 | Robotics Systems Types    | Tasks       | New         | Normal   | Collect all necessary types for home automation patches  |             | 12/04/2015 12:12 PM | Type Proposal                | 0      |
| 2441 | Robotics Systems Types    | Tasks       | New         | Normal   | Integrate homeautomation types   |             | 11/23/2015 12:56 PM | Type Proposal                | 0      |
| 2433 | Robotics Service Bus      | Tasks       | New         | Normal   | Wait for confirmation when joining Spread groups [C++]   |             | 01/22/2018 04:29 PM | C++                          | 0      |
| 2410 | RSB Bridge                | Enhancement | New         | Normal   | Find some proper license   | T. Korthals | 10/16/2015 05:33 PM |                              | 60     |
| 2409 | RSB Bridge                | Enhancement | New         | Normal   | Write some wiki documentation  | T. Korthals | 10/16/2015 05:31 PM |                              | 0      |
| 2398 | Robotics Service Bus      | Bug         | New         | Normal   | Unable to play large tide file when using spread transport                                       | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools            | 0      |

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|------|--------------------------------|-------------|-------------|----------|---|-----------------|---------------------|---------------------|--------|
| 2397 | RSB Depth Sensor Support       | Feature     | Feedback    | Normal   | Face Grabbing   |                 | 11/03/2015 06:14 PM | Extension2          | 100    |
| 2396 | RSB Depth Sensor Support       | Feature     | New         | Normal   | Point Cloud Grabbing  |                 | 09/16/2015 10:44 PM | Extension2          | 0      |
| 2392 | RSB Depth Sensor Support       | Feature     | New         | Normal   | Configurable Grabber - RPC  |                 | 09/16/2015 10:19 PM | Extension2          | 30     |
| 2391 | RSB Depth Sensor Support       | Feature     | In Progress | Normal   | Configurable Grabber - CLI  |                 | 11/03/2015 06:17 PM | Extension2          | 90     |
| 2390 | RSB Depth Sensor Support       | Feature     | New         | Normal   | Configurable Grabber  |                 | 11/03/2015 06:17 PM | Extension2          | 60     |
| 2389 | RSB Depth Sensor Support       | Feature     | New         | Normal   | Color/Depth/Infrared and Skeleton Grabbing                              |                 | 09/16/2015 10:26 PM | Kinect SDK 2 Plugin | 70     |
| 2388 | RSB Depth Sensor Support       | Feature     | New         | Normal   | Initial version of Kinect 2 SDK Plugin                                  | M. Goerlich     | 11/03/2015 06:14 PM | Kinect SDK 2 Plugin | 57     |
| 2377 | vdemo                          | Feature     | New         | Low      | Selectable success mode   | R. Haschke      | 09/01/2015 12:06 AM |                     | 0      |
| 2376 | RSBag                          | Enhancement | New         | Normal   | Allow to deduplicate participants in introspection export               | J. Moringen     | 10/16/2017 09:23 PM |                     | 0      |
| 2368 | Robotics Service Bus           | Enhancement | New         | Normal   | Add average rate field to logger styles                                 | J. Moringen     | 10/16/2017 09:23 PM | Common Lisp Tools   | 0      |
| 2367 | Robotics Service Bus           | Enhancement | New         | Normal   | Scope-specific max-depth overrides for the tree view of the logger      | J. Moringen     | 10/16/2017 09:23 PM | Common Lisp Tools   | 0      |
| 2366 | Robotics Service Bus           | Enhancement | New         | Normal   | Improve frequency calculation   | J. Moringen     | 10/16/2017 09:23 PM | Common Lisp Tools   | 0      |
| 2359 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Graph for introspection web interface                                   | J. Moringen     | 10/16/2017 09:23 PM | Common Lisp Tools   | 50     |
| 2348 | RSB SCXML Engine               | Tasks       | Feedback    | Normal   | Use reflections for nested RST types                                    | D. Wigand       | 07/21/2015 04:42 PM |                     | 100    |
| 2337 | RSB SCXML Engine               | Tasks       | Feedback    | Urgent   | Create parser for RST types   | D. Wigand       | 07/22/2015 05:37 PM |                     | 100    |
| 2325 | Compliant Control Architecture | Tasks       | New         | High     | Refactor component lifecycle  |                 | 06/15/2015 07:57 PM |                     | 0      |
| 2324 | Compliant Control Architecture | Bug         | New         | High     | CCA lifecycle - component stops it self twice                           |                 | 06/15/2015 07:57 PM |                     | 0      |
| 2321 | Robot Control Interface        | Tasks       | New         | Low      | Implement Weights type  |                 | 06/12/2015 03:12 PM |                     | 0      |
| 2318 | RSB SCXML Engine               | Bug         | New         | Normal   | State machine doesn't publish transition to initial state               | P. Holthaus     | 09/28/2017 08:53 PM |                     | 0      |
| 2313 | Robotics Service Bus           | Bug         | New         | Normal   | Unexpected Exception about introspection                                |                 | 10/10/2017 06:21 PM | Python              | 0      |
| 2310 | Compliant Control Architecture | Enhancement | Feedback    | Normal   | Add documentation about CCA lifecycle states                            | N. Dehio        | 06/02/2015 04:06 PM |                     | 0      |
| 2247 | Compliant Control Architecture | Feature     | New         | Normal   | provide a simple binary to start a remote heartbeat                     |                 | 05/04/2015 05:16 PM |                     | 0      |
| 2246 | Robotics Service Bus           | Bug         | New         | Normal   | Socket Server Deadlock  |                 | 10/10/2017 06:21 PM | C++                 | 0      |
| 2233 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Wait for confirmation when joining Spread groups                        |                 | 10/16/2017 09:23 PM | Spread Connector    | 60     |
| 2227 | Robotics Service Bus           | Feature     | Feedback    | Normal   | Symlinks/Aliases for Scopes   | C. Leichsenring | 06/09/2016 01:46 PM | Protocol            | 0      |
| 2225 | Robotics Service Bus           | Enhancement | New         | Normal   | Use sphinx.ext.ifconfig for version-dependent information in the manual |                 | 10/16/2017 09:23 PM | Documentation       | 0      |
| 2216 | Robotics Service Bus           | Tasks       | New         | Normal   | Consider using git subtrees instead of submodules                       |                 | 04/30/2015 12:55 PM |                     | 0      |
| 2214 | RSB SCXML Engine               | Enhancement | New         | Normal   | repository for patched commons-scxml                                    |                 | 08/07/2015 12:50 PM |                     | 0      |
| 2207 | RSB GStreamer Integration      | Bug         | New         | Normal   | create timestamps in videosink are wrong                                |                 | 07/27/2016 03:51 PM |                     | 0      |
| 2204 | Compliant Control Architecture | Bug         | New         | Normal   | suffix argument in cca-statechanger not working properly                |                 | 03/19/2015 05:12 PM |                     | 0      |
| 2185 | Robotics Service Bus           | Feature     | New         | Normal   | Provide Contrib Library or Folder for Community Additions               |                 | 06/14/2016 09:53 AM | Packaging           | 0      |
| 2184 | Robotics Systems Commons       | Enhancement | Feedback    | Normal   | improve logging system to nicely play with log4cxx                      |                 | 10/16/2017 09:23 PM | Logging             | 50     |
| 2183 | Robotics Service Bus           | Bug         | New         | Normal   | Compilation of RSB Tools fails on MacOS 10.10                           |                 | 04/15/2015 06:18 PM | C++ Tools           | 0      |

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|------|--------------------------------|-------------|-------------|----------|---|-----------------|---------------------|-------------------|--------|
| 2170 | Robotics Service Bus           | Feature     | New         | Low      | Visual indication when rsb-logger* (or any other rsb-tool) is ready                       | J. Moringen     | 10/16/2017 09:23 PM | Common Lisp Tools | 0      |
| 2167 | Robotics Service Bus           | Bug         | New         | Normal   | Check that RemoteServer instances delete EventId instances in case of RPC timeouts        |                 | 04/23/2015 11:09 AM | Java              | 0      |
| 2163 | Robotics Service Bus           | Bug         | New         | Normal   | Remove rsb.wire-schema property from metaData in socket transport                         |                 | 10/10/2017 06:18 PM | Specification     | 0      |
| 2150 | Robotics Service Bus           | Bug         | New         | High     | Specification of preferred converters should be reconsidered                              |                 | 10/10/2017 06:18 PM | C++               | 0      |
| 2149 | Robotics Service Bus           | Enhancement | Feedback    | Normal   | Provide simple API to programmatically set preferred converters                           |                 | 10/16/2017 09:23 PM | C++               | 70     |
| 2139 | Robotics Service Bus           | Feature     | New         | Normal   | Finalize introspection implementation   |                 | 10/16/2017 09:23 PM | Introspection     | 16     |
| 2138 | Robotics Service Bus           | Feature     | New         | Normal   | Allow constructing scopes from a list of component strings (potentially single component) |                 | 10/16/2017 09:23 PM |                   | 0      |
| 2137 | Robotics Service Bus           | Tasks       | New         | Normal   | Handling of missing/not-encodable Hostname and/or HostId                                  |                 | 10/16/2017 09:23 PM | Introspection     | 0      |
| 2117 | Robotics Service Bus           | Bug         | New         | Normal   | Listener state changes are not synchronized, informer one's are                           |                 | 10/10/2017 06:21 PM | Java              | 0      |
| 2116 | RSB GStreamer Integration      | Feature     | New         | Normal   | Enable zeroes output of rsbaudiosrc for pauses in network stream                          | C. Leichsenring | 01/06/2015 11:25 AM |                   | 0      |
| 2111 | Robotics Service Bus           | Tasks       | New         | High     | Document converter disambiguation (programmatic and via config file)                      |                 | 10/16/2017 09:23 PM | Documentation     | 0      |
| 2099 | RSB SCXML Engine               | Bug         | Feedback    | High     | Engine has direct protobuf dependencies   |                 | 11/25/2014 01:25 PM |                   | 100    |
| 2095 | CoR-Lab Tutorials              | Tasks       | Feedback    | Normal   | Write (draft of) one-page introduction to the RS* ecosystem                               |                 | 11/19/2014 09:55 PM |                   | 90     |
| 2093 | CoR-Lab Tutorials              | Feature     | Feedback    | Low      | Remove mark-start:: and mark-end:: in compressed solutions                                |                 | 11/18/2014 05:30 PM |                   | 0      |
| 2092 | CoR-Lab Tutorials              | Feature     | New         | Normal   | Pimp the Sphinx section display   |                 | 11/18/2014 05:14 PM |                   | 0      |
| 2091 | CoR-Lab Tutorials              | Bug         | New         | Normal   | Update python and cpp projects to work with trusty  | N. Köster       | 12/09/2015 03:08 PM |                   | 30     |
| 2090 | CoR-Lab Tutorials              | Feature     | Feedback    | Normal   | Add instructions on how to use the provided bag file                                      | N. Köster       | 11/18/2014 05:12 PM |                   | 100    |
| 2089 | CoR-Lab Tutorials              | Bug         | In Progress | Normal   | Remove spread dependencies from the vision tutorial                                       | N. Köster       | 11/18/2014 05:11 PM |                   | 80     |
| 2078 | Compliant Control Architecture | Bug         | New         | High     | Component start state not handled correctly   |                 | 11/06/2014 06:47 PM |                   | 0      |
| 2067 | RSB GStreamer Integration      | Bug         | New         | Normal   | Fails on ambiguous .rst.vision.Image converter definition                                 |                 | 10/29/2014 04:04 PM |                   | 0      |
| 2066 | Robotics Service Bus           | Enhancement | Feedback    | Normal   | added WireSchemaFilter + FilterCombination  |                 | 10/24/2014 04:13 PM | C++               | 90     |
| 2063 | Robotics Systems Commons       | Enhancement | In Progress | Normal   | simplify clumsy usage of DebugTools   |                 | 06/30/2016 12:38 PM | Debug Tools       | 90     |
| 2056 | Robot Control Interface        | Feature     | New         | Low      | Calculate scalar angle between orientations   |                 | 10/10/2014 03:23 PM | Software          | 0      |
| 2055 | Robotics Service Bus           | Enhancement | New         | Normal   | Extend documentation on using and writing converters in the manual                        |                 | 10/16/2017 09:23 PM | Documentation     | 0      |
| 2051 | Robotics Service Bus           | Feature     | In Progress | Normal   | Qt-based graphical event logger   | R. Haschke      | 04/24/2015 05:38 PM | C++ Tools         | 80     |
| 2050 | Robotics Service Bus           | Enhancement | New         | Normal   | allow shallow data copy for converter arguments?  |                 | 04/24/2015 05:38 PM | C++               | 0      |
| 2049 | Compliant Control Architecture | Tasks       | New         | High     | Document new beat behavior  |                 | 10/08/2014 06:28 PM |                   | 0      |
| 2041 | Robotics Service Bus           | Enhancement | Feedback    | Normal   | merge URI spec into ParticipantConfig   |                 | 04/24/2015 05:38 PM | C++               | 80     |
| 2009 | plantUML DSL                   | Feature     | New         | Normal   | Include comments  |                 | 07/04/2016 10:25 PM |                   | 0      |
| 1996 | Automated Build Generator      | Feature     | New         | Low      | When running in interactive mode, offer restarts in case of errors                        | J. Moringen     | 02/23/2017 11:34 AM | User Interface    | 0      |
| 1993 | Robotics Service Bus           | Feature     | In Progress | Low      | Rebuild introspection database when clock jumps   | J. Moringen     | 10/16/2017 09:23 PM | Introspection     | 50     |
| 1992 | RSB SCXML Engine               | Bug         | New         | Normal   | <rsb:wait> - Tag does not seem to be registered in the engine.                            |                 | 04/08/2015 03:51 PM |                   | 0      |
| 1990 | Automated Build Generator      | Tasks       | New         | Normal   | Represent parallelism constraints of build systems  | J. Moringen     | 02/23/2017 11:34 AM |                   | 0      |
| 1982 | Robotics Service Bus           | Feature     | In Progress | Normal   | Enable introspection senders by default?  | J. Moringen     | 10/16/2017 09:23 PM | Introspection     | 60     |
| 1981 | RSB GStreamer Integration      | Tasks       | In Progress | Normal   | Port to GStreamer 1.x   |                 | 09/28/2017 08:52 PM |                   | 90     |

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| 1980 | RSB SCXML Engine               | Bug         | New         | Normal   | Unable to create Listener with basic type   |             | 09/03/2014 05:40 PM |                   | 0      |
| 1973 | plantUML DSL                   | Bug         | Feedback    | Normal   | Show Composite/Parallel state initial state   | N. Köster   | 07/04/2016 10:32 PM |                   | 50     |
| 1972 | plantUML DSL                   | Bug         | New         | High     | Composite state transitions are displayed erroneous   | P. Holthaus | 07/04/2016 10:31 PM |                   | 0      |
| 1965 | RSB SCXML Engine               | Feature     | In Progress | Normal   | Implement custom action for RPC calls   |             | 08/28/2014 01:50 PM |                   | 20     |
| 1962 | RSB SCXML Engine               | Feature     | New         | Normal   | Support RSBs built-in datatypes in converter registration   |             | 08/26/2014 08:34 PM |                   | 0      |
| 1949 | RSB SCXML Engine               | Enhancement | New         | Normal   | Remove waiting loop   |             | 08/21/2014 02:46 PM |                   | 0      |
| 1943 | Compliant Control Architecture | Bug         | New         | Low      | using namespace boost; in Node.h  |             | 08/20/2014 04:40 PM |                   | 0      |
| 1922 | Robotics Service Bus           | Feature     | New         | Low      | Include environment variables in introspection messages describing processes                                  |             | 04/24/2015 05:38 PM | Introspection     | 0      |
| 1914 | Robotics Service Bus           | Bug         | New         | Normal   | Reader does not work with multi-connector setup   |             | 04/17/2015 03:00 AM | C++               | 0      |
| 1901 | Robotics Service Bus           | Tasks       | New         | Normal   | Documentation should include an example or elaborate more clearly on the semantics of the template parameters |             | 10/16/2017 09:23 PM | Documentation     | 0      |
| 1882 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Document void -> void RPC in the troubleshooting section of the manual  | J. Moringen | 10/16/2017 09:23 PM | Documentation     | 20     |
| 1874 | Automated Build Generator      | Feature     | In Progress | Normal   | Analyse projects provided by Debian packages  | J. Moringen | 02/23/2017 11:34 AM | Project Analysis  | 50     |
| 1873 | Automated Build Generator      | Feature     | New         | Normal   | Analyse projects provided by respective platform  | J. Moringen | 02/23/2017 11:34 AM | Project Analysis  | 50     |
| 1870 | Robotics Service Bus           | Feature     | New         | Normal   | Allow (optional) parallel method calls  |             | 06/30/2016 12:36 PM |                   | 0      |
| 1864 | Compliant Control Architecture | Bug         | New         | Urgent   | Document port configuration   |             | 04/29/2014 03:16 PM |                   | 0      |
| 1863 | Compliant Control Architecture | Bug         | New         | Urgent   | Extend CCA documentation  |             | 04/29/2014 03:16 PM |                   | 0      |
| 1852 | Automated Build Generator      | Enhancement | New         | Normal   | Generate redmine repository viewer into jenkins subversion plugin   | J. Moringen | 02/23/2017 11:34 AM | Jenkins API       | 0      |
| 1849 | Robotics Service Bus           | Bug         | Feedback    | Normal   | Call tool does not complain if it can't decode a reply  | J. Moringen | 10/10/2017 06:21 PM | Common Lisp Tools | 30     |
| 1839 | Robotics Service Bus           | Feature     | In Progress | Normal   | Reference documentation in conditions   | J. Moringen | 10/16/2017 09:22 PM | Common Lisp       | 70     |
| 1836 | Robotics Systems Commons       | Enhancement | New         | Low      | Move printing of property values into separate function   |             | 04/11/2014 08:45 AM | Util              | 0      |
| 1831 | Robotics Service Bus           | Enhancement | Feedback    | Low      | Provide introspection functionality as shared object (as opposed to plugin-only)?                             |             | 10/16/2017 09:23 PM | Introspection     | 0      |
| 1825 | RSBag                          | Feature     | New         | Normal   | bag record: Start timestamp for remote recording start  | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools | 0      |
| 1824 | Robotics Systems Types         | Bug         | New         | Normal   | Wrong message URLs in sandbox package overview  | J. Moringen | 10/16/2017 09:23 PM | documentation     | 0      |
| 1818 | Robotics Service Bus           | Enhancement | New         | Low      | Change and/or enforce naming conventions in rsb-python  |             | 03/21/2014 05:08 PM | Python            | 0      |
| 1817 | Robotics Service Bus           | Enhancement | New         | Low      | Deliver binaries with pre-warmed PCL caches   | J. Moringen | 04/24/2015 05:35 PM | Common Lisp Tools | 0      |
| 1814 | Compliant Control Architecture | Feature     | New         | Normal   | More detailed printing of the cca input port handler  |             | 03/18/2014 06:12 PM |                   | 30     |
| 1789 | Robot Control Interface        | Tasks       | New         | Normal   | RCI::Orientation should be represented as unit quaternions  |             | 03/06/2014 04:06 PM |                   | 0      |
| 1788 | Compliant Control Architecture | Enhancement | New         | High     | Create dedicated converter maps for input and output ports  |             | 03/04/2014 06:12 PM |                   | 0      |
| 1783 | CoR-Lab Tutorials              | Tasks       | New         | Normal   | Turn collected descriptions into templates  |             | 12/01/2014 05:24 PM |                   | 0      |
| 1777 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Add commandline options to exclude scopes from logging  | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 60     |
| 1776 | Robotics Service Bus           | Feature     | In Progress | Normal   | Highlight interesting things in logger/bag-cat output   | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 30     |
| 1772 | Compliant Control Architecture | Tasks       | New         | High     | Create unambiguous converter map for cca state ports  |             | 02/14/2014 05:51 PM |                   | 0      |

| #    | Project                        | Tracker     | Status      | Priority | Subject  | Assignee    | Updated             | Category              | % Done |
|------|--------------------------------|-------------|-------------|----------|--|-------------|---------------------|-----------------------|--------|
| 1771 | RSBag                          | Feature     | In Progress | Normal   | Add META block to TIDELog backend  | J. Moringen | 04/02/2017 10:52 AM | TIDELog Backend       | 20     |
| 1770 | RSBag                          | Feature     | In Progress | Normal   | Add TYPE block to TIDELog backend  | J. Moringen | 04/02/2017 10:52 AM | TIDELog Backend       | 20     |
| 1769 | RSBag                          | Feature     | New         | Normal   | Store start and end timestamp of recording   |             | 10/16/2017 09:23 PM |                       | 0      |
| 1768 | Robotics Service Bus           | Tasks       | New         | Normal   | Evaluate Boost.Exception for dealing with re-thrown exceptions                                   |             | 04/24/2015 05:38 PM | C++                   | 0      |
| 1767 | Robotics Service Bus           | Feature     | Feedback    | Low      | Export default plugin folder   |             | 10/16/2017 09:23 PM | Configuration         | 50     |
| 1757 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Add intermediate results to request-reply pattern  |             | 10/16/2017 09:23 PM | Request Reply Pattern | 10     |
| 1756 | CoR-Lab Tutorials              | Tasks       | New         | Normal   | Extract existing installation instructions as starting point for generalized templates           |             | 12/01/2014 05:24 PM |                       | 90     |
| 1747 | Robotics Service Bus           | Feature     | New         | Normal   | Implement introspection event receiver and client API  |             | 11/22/2016 08:22 PM | Python                | 0      |
| 1746 | Robotics Service Bus           | Feature     | New         | Normal   | Implement introspection event receiver and client API  |             | 11/22/2016 08:22 PM | Java                  | 0      |
| 1745 | Robotics Service Bus           | Feature     | New         | Normal   | Implement introspection event receiver and client API  |             | 11/22/2016 08:22 PM | C++                   | 0      |
| 1735 | RSB Sphinx Integration         | Tasks       | New         | Normal   | Provide access to esmeralda source code for Suchit   |             | 10/24/2014 12:41 PM | XML Output            | 50     |
| 1734 | RSB Sphinx Integration         | Tasks       | New         | Normal   | Publish results in Esmeralda XML format  | S. Sharma   | 02/05/2014 05:36 PM | XML Output            | 0      |
| 1733 | RSB Sphinx Integration         | Tasks       | New         | Normal   | Create an initial maven project that integrates sphinx and RSB                                   | S. Sharma   | 02/05/2014 05:35 PM | Build System          | 0      |
| 1730 | Automated Build Generator      | Tasks       | New         | Normal   | Rename concepts according to toolkit data-model discussion                                       | J. Moringen | 02/23/2017 11:34 AM | Data Model            | 0      |
| 1729 | Compliant Control Architecture | Feature     | New         | Normal   | Allow remote configuration of components   |             | 01/30/2014 06:29 PM |                       | 0      |
| 1724 | Robotics Systems Types         | Tasks       | New         | Normal   | Document Windows Installation from Source and Binary   |             | 10/16/2017 09:23 PM | documentation         | 0      |
| 1720 | Packaging                      | Tasks       | New         | Normal   | Fix rstconverters packaging  |             | 09/28/2017 08:52 PM |                       | 0      |
| 1718 | RSBag                          | Feature     | In Progress | Normal   | Support linked media files in Elan backend   | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend          | 40     |
| 1717 | Compliant Control Architecture | Feature     | New         | Normal   | Synchronization mechanism / barrier  |             | 01/09/2014 04:46 PM |                       | 0      |
| 1713 | Robot Control Interface        | Bug         | Feedback    | Normal   | RCI is getting messed up with Torques, JointTorques and TorqueSensing                            |             | 01/06/2014 08:33 PM | Modeling              | 0      |
| 1709 | RSBag                          | Tasks       | New         | Low      | Document Java client API   |             | 04/17/2015 03:05 AM | Documentation         | 0      |
| 1708 | RSBag                          | Tasks       | New         | Normal   | Document C++ client API  |             | 04/17/2015 03:05 AM | Documentation         | 0      |
| 1707 | RSBag                          | Feature     | New         | Low      | Support Java as a client language  |             | 04/17/2015 03:05 AM | Java Client API       | 0      |
| 1706 | RSBag                          | Feature     | In Progress | Normal   | Support C++ as a client language   | J. Moringen | 11/10/2015 11:50 AM | C++ Client API        | 50     |
| 1685 | Packaging                      | Tasks       | New         | Normal   | Create Debian package for rsb-java   |             | 09/28/2017 08:52 PM |                       | 0      |
| 1682 | Automated Build Generator      | Bug         | New         | Normal   | Temporary project directories in /tmp are not cleaned  | J. Moringen | 02/23/2017 11:35 AM | Project Analysis      | 0      |
| 1677 | RSBag                          | Feature     | New         | Normal   | Support explicit backend selection   | J. Moringen | 10/16/2017 09:23 PM | Backend               | 0      |
| 1676 | Automated Build Generator      | Tasks       | In Progress | Normal   | Support repository authentication for parsing  | J. Moringen | 02/23/2017 11:36 AM | User Interface        | 10     |
| 1667 | Automated Build Generator      | Feature     | New         | Normal   | Specify variable values for all projects in a distribution                                       | J. Moringen | 02/23/2017 11:36 AM | Data Model            | 0      |
| 1665 | Robotics Service Bus           | Bug         | New         | Normal   | Support common installations (to simplify cross compilation)                                     |             | 01/10/2014 11:53 AM |                       | 0      |
| 1664 | CoR-Lab Tutorials              | Tasks       | New         | Normal   | Maybe extend description of prerequisites/installation procedure?                                |             | 12/05/2013 01:49 PM |                       | 0      |
| 1656 | Robot Control Interface        | Bug         | New         | Normal   | rci::Orientation->asRotationMatrix() crashes when build against /vol/amarsi/x86-64-precise/trunk |             | 11/11/2013 10:56 AM |                       | 0      |
| 1647 | Compliant Control Architecture | Bug         | New         | Normal   | Weird component-crashes when wrong converter plugins are loaded                                  |             | 10/22/2013 09:23 PM |                       | 0      |
| 1646 | Robotics Systems Commons       | Tasks       | New         | Normal   | Document logging system configuration  |             | 10/16/2013 03:32 PM | Documentation         | 0      |
| 1643 | NemoMath                       | Tasks       | Feedback    | Normal   | Switch to Eigen3   |             | 10/04/2013 10:32 AM |                       | 0      |

| #    | Project                        | Tracker     | Status      | Priority | Subject  | Assignee    | Updated             | Category          | % Done |
|------|--------------------------------|-------------|-------------|----------|--|-------------|---------------------|-------------------|--------|
| 1642 | Robotics Service Bus           | Bug         | New         | Normal   | pkg-config test fails in integration test  |             | 10/04/2013 12:23 AM | Build System      | 0      |
| 1635 | Compliant Control Architecture | Tasks       | New         | Normal   | Detect and warn about too slow processing  |             | 09/23/2013 05:47 PM |                   | 0      |
| 1625 | Compliant Control Architecture | Tasks       | New         | Normal   | Check conceptual compatibility with DARC   |             | 09/12/2013 02:59 PM |                   | 0      |
| 1620 | Robotics Service Bus           | Bug         | New         | Normal   | Configurator can't check if connector is active  |             | 10/10/2017 06:21 PM | C++               | 0      |
| 1619 | Compliant Control Architecture | Feature     | New         | Normal   | Warn when port profile can't be found  |             | 09/09/2013 05:50 PM |                   | 0      |
| 1609 | Benchmarking Environment       | Enhancement | New         | Low      | Examples should not be installed in \$prefix/bin                                       |             | 09/04/2013 08:41 PM |                   | 0      |
| 1607 | Continuum Kinematics           | Enhancement | New         | Low      | Examples should not be installed in \$prefix/bin                                       |             | 09/04/2013 07:59 PM |                   | 0      |
| 1603 | Benchmarking Environment       | Feature     | New         | Normal   | Export benchmark results in JMeter format  |             | 08/30/2013 03:17 PM |                   | 0      |
| 1598 | Robot Control Interface        | Tasks       | Feedback    | Normal   | Release rci 0.4  |             | 08/21/2013 01:12 PM |                   | 0      |
| 1597 | Robotics Service Bus           | Enhancement | New         | Low      | setup.py should specify the protobuf dependency with the exact version                 |             | 10/16/2017 09:23 PM | Python            | 50     |
| 1593 | Compliant Control Architecture | Bug         | New         | High     | Strange behavior of ModerateProcessing, soemtimes triggering twice or without reason   |             | 08/15/2013 05:49 PM |                   | 0      |
| 1584 | Robotics Service Bus           | Tasks       | New         | Low      | Prevent termination of BusServer when client connections exist                         |             | 10/16/2017 09:23 PM | Socket Transport  | 0      |
| 1569 | Rosetta Stone Project          | Tasks       | New         | Normal   | Migrate test suites from lift to fiveam  | J. Moringen | 04/10/2017 08:09 PM | Tests             | 0      |
| 1560 | Packaging                      | Tasks       | New         | Normal   | Delayed package upload   |             | 01/13/2015 05:25 PM |                   | 0      |
| 1556 | Robotics Service Bus           | Enhancement | New         | Normal   | Improve event type handling and converter selection                                    |             | 10/16/2017 09:23 PM | Java              | 0      |
| 1554 | NemoMath                       | Bug         | New         | High     | Use eigen pkg-config files as dependency in nemomath pkg-config                        |             | 07/10/2013 03:19 PM |                   | 0      |
| 1550 | Robotics Service Bus           | Enhancement | New         | Normal   | "Auto" mode of the socket transport should be smarter                                  |             | 04/17/2015 03:03 AM | Socket Transport  | 0      |
| 1548 | Robotics Service Bus           | Enhancement | New         | Normal   | Transports returned by ParticipantConfig::getTransports() should be mutable            |             | 10/16/2017 09:23 PM | C++               | 0      |
| 1532 | NemoMath                       | Support     | Feedback    | Normal   | Using MatrixMath.h and Eigen3  |             | 11/29/2013 10:03 AM |                   | 0      |
| 1516 | Robotics Service Bus           | Enhancement | New         | Normal   | Separate Converter selection strategies for sending and receiving                      |             | 02/06/2014 05:32 PM | Specification     | 0      |
| 1515 | Robotics Service Bus           | Enhancement | New         | Normal   | Add data type to all participants, especially listeners                                |             | 02/06/2014 05:32 PM | Specification     | 0      |
| 1508 | Compliant Control Architecture | Feature     | New         | Normal   | Support tracing of events  |             | 08/12/2013 04:45 PM |                   | 0      |
| 1506 | Robot Control Interface        | Bug         | New         | Normal   | call to implicitly-deleted copy constructor of 'ControlAspectPtr'                      |             | 08/12/2013 01:47 PM |                   | 0      |
| 1500 | Robotics Service Bus           | Enhancement | New         | Normal   | Encode version in library name   |             | 05/17/2013 07:43 PM | Build System      | 0      |
| 1495 | NemoMath                       | Feature     | New         | Normal   | Provide Collection Interfaces for Matrices' rows and columns                           | M. Rolf     | 05/10/2013 07:17 AM |                   | 0      |
| 1493 | NemoMath                       | Bug         | New         | High     | Improve Error Messages in Matrix/Vector  | M. Rolf     | 05/10/2013 05:39 AM |                   | 0      |
| 1484 | Rosetta Stone Project          | Feature     | In Progress | Normal   | Install CMake macros and configuration files for downstream projects                   | J. Moringen | 04/10/2017 08:09 PM | Build System      | 70     |
| 1483 | Robotics Service Bus           | Bug         | New         | Low      | Common Lisp logger stumbles upon wrong / unknown config options                        | J. Moringen | 04/24/2015 05:38 PM | Common Lisp Tools | 0      |
| 1482 | RSBag                          | Tasks       | In Progress | Low      | Rename bag-merge -> bag-transform  | J. Moringen | 04/17/2015 03:03 AM | Commandline Tools | 60     |
| 1477 | Rosetta Stone Project          | Feature     | In Progress | Normal   | Support variable-width integer types   | J. Moringen | 04/10/2017 08:09 PM | Core Model        | 80     |
| 1476 | Robotics Systems Types         | Feature     | Feedback    | Normal   | Allow explicit selection of built converters   |             | 10/16/2017 09:23 PM | Build System      | 30     |
| 1474 | Robotics Service Bus           | Bug         | New         | Low      | rsb matlab interface not fully working with newest MATLAB versions (R2012b and R2013a) |             | 03/26/2015 05:15 PM | Matlab            | 0      |
| 1469 | NemoMath                       | Bug         | Feedback    | Normal   | Findeigen3.cmake seems broken  |             | 04/21/2013 10:11 PM |                   | 10     |

| #    | Project                        | Tracker     | Status      | Priority | Subject   | Assignee    | Updated             | Category          | % Done |
|------|--------------------------------|-------------|-------------|----------|---|-------------|---------------------|-------------------|--------|
| 1466 | Robotics Systems Types         | Tasks       | New         | Normal   | Review and merge RST changes of ISY lecture   |             | 01/07/2015 11:21 AM | Type Proposal     | 0      |
| 1465 | Robotics Service Bus           | Tasks       | New         | Normal   | Provide better interface for parameterless RPC methods  | S. Wrede    | 10/16/2017 09:23 PM | Java              | 0      |
| 1463 | Robotics Service Bus           | Enhancement | New         | Low      | Improve termination of python processes   |             | 10/16/2017 09:23 PM | Python            | 0      |
| 1458 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Implement configuration inspector tool  | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 50     |
| 1456 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Use lparallel futures if possible   | J. Moringen | 04/24/2015 05:38 PM | Common Lisp       | 30     |
| 1454 | Packaging                      | Bug         | Feedback    | Normal   | Check 'vagrant' for building release VMs  |             | 03/25/2013 02:56 PM |                   | 0      |
| 1453 | NemoMath                       | Feature     | New         | Low      | Explore use of adaptive rvalue/lvalue argument passing  | M. Rolf     | 03/25/2013 01:48 PM |                   | 0      |
| 1451 | Robotics Systems Commons       | Tasks       | Feedback    | Normal   | Clarify configuration, when different rsx version installed   |             | 12/09/2013 04:33 PM | Configuration     | 0      |
| 1441 | Robotics Service Bus           | Bug         | New         | Normal   | Better handling of dependencies without pc file, e. g. boost, in our pkgconfig  |             | 02/27/2013 11:02 AM | Build System      | 0      |
| 1436 | Compliant Control Architecture | Feature     | New         | Normal   | Enhance CCA component state 'PERSISTED' with storage path information   |             | 09/12/2013 04:25 PM |                   | 0      |
| 1431 | Robot Control Interface        | Enhancement | New         | Normal   | debian package should confirm more strongly to the debian policy  |             | 09/12/2013 04:25 PM |                   | 0      |
| 1430 | Robotics Systems Commons       | Bug         | New         | Normal   | Fix debian packaging to conform more strongly to debian policy  |             | 02/27/2013 01:25 PM | Packaging         | 0      |
| 1422 | RSB XML Support                | Tasks       | Feedback    | Normal   | Add a plugin which registers the XOP converter  | S. Wrede    | 10/16/2017 09:23 PM | C++               | 50     |
| 1418 | Robotics Service Bus           | Tasks       | New         | Normal   | Describe Recommend Way of using Domain Classes and Converters in the manual   |             | 10/16/2017 09:23 PM | Documentation     | 0      |
| 1416 | CoR-Lab Tutorials              | Tasks       | New         | Normal   | Pre-packaged installation tutorial  |             | 09/28/2017 08:52 PM |                   | 73     |
| 1415 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Document writing converters in manual   |             | 10/16/2017 09:23 PM | Documentation     | 30     |
| 1414 | Robotics Service Bus           | Tasks       | New         | Normal   | Document receiving and processing using a thread-safe queue   |             | 10/16/2017 09:23 PM | Documentation     | 0      |
| 1410 | Robotics Service Bus           | Bug         | New         | Normal   | Python socket transport swallows missing converter errors silently so that clients can end up blocking endlessly              |             | 10/10/2017 06:21 PM | Python            | 0      |
| 1401 | Robotics Service Bus           | Bug         | New         | Normal   | Sphinx-based documentation for rsb-matlab   | S. Wrede    | 07/07/2016 10:09 AM | Matlab            | 0      |
| 1399 | Robotics Service Bus           | Support     | New         | Normal   | Matlab Installation Doc   |             | 02/07/2013 10:38 AM | Java              | 0      |
| 1397 | Compliant Control Architecture | Bug         | New         | High     | Handle buffer access for unconfigured (optional) ports  |             | 09/12/2013 04:25 PM |                   | 0      |
| 1384 | Robotics Systems Types         | Tasks       | In Progress | Normal   | Highlight distinction between stable and sandbox types in generated manual  | J. Moringen | 10/16/2017 09:23 PM | documentation     | 80     |
| 1379 | RSB Depth Sensor Support       | Tasks       | New         | Low      | Debian package  |             | 01/31/2013 05:20 AM | Build System      | 0      |
| 1365 | Robotics Service Bus           | Tasks       | New         | Normal   | Participant-wise configuration  |             | 04/24/2015 05:38 PM |                   | 0      |
| 1347 | RSBag                          | Feature     | In Progress | Low      | Minimal support for ROSbag file format  | J. Moringen | 10/16/2017 09:23 PM | ROSBag backend    | 60     |
| 1342 | NemoMath                       | Bug         | New         | Normal   | NemoMath0.4 debian packages does not mark libeigen3-dev as a dependency   |             | 01/21/2013 06:27 PM |                   | 0      |
| 1341 | NemoMath                       | Bug         | New         | Normal   | Allow different installation of boost in debian package for precise   |             | 01/21/2013 06:26 PM |                   | 0      |
| 1335 | Robotics Service Bus           | Bug         | New         | Normal   | Socket transport in Python silently drops events  | J. Moringen | 01/16/2013 04:27 PM | Python            | 0      |
| 1333 | NemoMath                       | Bug         | Feedback    | Normal   | Repair option NO_GCC_ADL_WORKAROUND   | M. Rolf     | 09/23/2013 06:19 PM |                   | 0      |
| 1332 | Compliant Control Architecture | Tasks       | New         | Normal   | Rename class BaseComponent  |             | 01/15/2013 04:36 PM |                   | 0      |
| 1329 | Rosetta Stone Project          | Tasks       | New         | Normal   | Create working version of integrationtest   | J. Moringen | 04/10/2017 08:09 PM | Integrationtest   | 0      |
| 1317 | Compliant Control Architecture | Bug         | In Progress | High     | Ambiguous converter sets in cca Basecomponent with ports of type rst.generic.Value (conflicting with ComponentStateConverter) |             | 09/12/2013 04:25 PM |                   | 50     |
| 1312 | RSB iceWing Plugins            | Tasks       | New         | Normal   | Switch to rsb-xml API for XML import and export plugins   |             | 04/14/2014 01:23 PM |                   | 0      |



| #    | Project                        | Tracker     | Status      | Priority | Subject  | Assignee    | Updated             | Category      | % Done |
|------|--------------------------------|-------------|-------------|----------|--|-------------|---------------------|---------------|--------|
| 1300 | Continuum Kinematics           | Tasks       | New         | Normal   | Create MacOS build job   |             | 12/14/2012 02:57 PM |               | 0      |
| 1292 | Robotics Systems Commons       | Bug         | Feedback    | Normal   | Do not set EXTERNAL_INCLUDE_COMMANDS in rsc/rst.pc.in by default           |             | 05/28/2013 11:39 AM |               | 0      |
| 1289 | Robotics Service Bus           | Tasks       | New         | Normal   | Document Common Lisp plugin mechanism                                      | J. Moringen | 10/16/2017 09:22 PM | Documentation | 0      |
| 1288 | Robotics Service Bus           | Tasks       | New         | Normal   | Document Python plugin mechanism   |             | 10/16/2017 09:22 PM | Documentation | 0      |
| 1287 | Robotics Service Bus           | Tasks       | New         | Normal   | Document Java plugin mechanism   |             | 10/16/2017 09:22 PM | Documentation | 0      |
| 1278 | Rosetta Stone Project          | Tasks       | New         | Normal   | Support non-inline operations  | J. Moringen | 12/02/2012 02:47 PM |               | 0      |
| 1277 | Robotics Systems Types         | Tasks       | In Progress | Normal   | Reorganize directories to allow foreign types and mappings                 | J. Moringen | 10/16/2017 09:23 PM | Build System  | 0      |
| 1276 | Robotics Systems Types         | Feature     | In Progress | Normal   | Use rosetta for code generation  | J. Moringen | 02/06/2014 05:32 PM | Build System  | 20     |
| 1261 | Robotics Systems Types         | Bug         | Feedback    | Low      | RST manual (ab)uses Sphinx' Python domain for data types                   |             | 10/16/2017 09:23 PM | documentation | 0      |
| 1255 | Robot Control Interface        | Enhancement | New         | Normal   | rci::Orientation: Check given matrix for being a rotation matrix           |             | 08/12/2013 02:05 PM |               | 0      |
| 1253 | NemoMath                       | Bug         | Feedback    | Normal   | Handle Eigen3 / Eigen2 dependency in debian packages                       |             | 11/22/2012 02:54 PM |               | 0      |
| 1250 | Compliant Control Architecture | Bug         | New         | Normal   | Cannot use BaseComponents inprocess only                                   |             | 08/12/2013 02:19 PM |               | 0      |
| 1236 | Robotics Service Bus           | Enhancement | New         | Low      | VERSION_SUFFIX should be configurable                                      | J. Moringen | 11/15/2012 03:39 PM | Build System  | 0      |
| 1227 | Robotics Service Bus           | Tasks       | Feedback    | Normal   | Add a CMake macro for RSB plugins  |             | 10/16/2017 09:23 PM | Build System  | 0      |
| 1214 | Robotics Service Bus           | Tasks       | New         | Normal   | Use better wire-type for binary blobs                                      |             | 10/16/2017 09:23 PM | C++           | 0      |
| 1213 | Robotics Service Bus           | Tasks       | New         | Normal   | Really support wire-types other than string                                |             | 10/16/2017 09:23 PM | C++           | 0      |
| 1191 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Document programmatic configuration of individual participants             | J. Moringen | 10/16/2017 09:23 PM | Documentation | 20     |
| 1189 | Robotics Service Bus           | Tasks       | New         | Normal   | Test examples as part of unit tests  |             | 04/24/2015 05:34 PM | Python        | 0      |
| 1188 | Robotics Service Bus           | Tasks       | New         | Normal   | Test examples as part of unit tests  |             | 04/24/2015 05:34 PM | Java          | 0      |
| 1166 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Document plugin mechanism  | J. Moringen | 10/16/2017 09:22 PM | Documentation | 25     |
| 1149 | Robotics Service Bus           | Feature     | Feedback    | Normal   | Allow checking if handlers are registered in Listener                      |             | 10/16/2017 09:22 PM | C++           | 0      |
| 1139 | Robotics Service Bus           | Feature     | In Progress | Normal   | Reference documentation in error reports                                   |             | 10/16/2017 09:22 PM | Documentation | 70     |
| 1123 | Robotics Service Bus           | Enhancement | New         | Normal   | Improve documentation for debian package installation wrt spread transport |             | 08/03/2012 12:56 PM |               | 0      |
| 1114 | Robotics Service Bus           | Enhancement | New         | Low      | Create an in process example   |             | 07/30/2012 03:01 PM | C++ Tools     | 0      |
| 1102 | RSBag                          | Feature     | In Progress | High     | Use data type definitions stored in log files                              | J. Moringen | 04/03/2017 06:42 PM | Backend       | 30     |
| 1095 | RSB Video Writer               | Enhancement | New         | Normal   | Improve encoding quality and speed of default settings                     |             | 09/30/2015 04:36 PM |               | 0      |
| 1094 | RSB Video Writer               | Enhancement | In Progress | Normal   | Block signals when closing the video writer                                |             | 07/23/2012 05:08 PM |               | 0      |
| 1083 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Implement communication with congestion control (for reader interface)     |             | 04/24/2015 05:38 PM | Protocol      | 10     |
| 1061 | NemoMath                       | Tasks       | Feedback    | Normal   | Licensing  | M. Rolf     | 07/06/2012 04:36 PM |               | 0      |
| 1054 | Robotics Service Bus           | Enhancement | New         | Normal   | "auto" server mode is inefficient  |             | 04/17/2015 03:03 AM | Protocol      | 0      |
| 1048 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Specify disconnect protocol for socket transport                           | J. Moringen | 10/16/2017 09:22 PM | Protocol      | 50     |
| 1043 | Robot Control Interface        | Bug         | Feedback    | High     | Modelisation of Wrench seems wrong   | A. Tuleu    | 01/20/2014 08:59 AM | Modeling      | 80     |
| 1041 | Packaging                      | Bug         | New         | Normal   | Comply to Debian Policy Manual   |             | 06/27/2012 10:52 AM |               | 0      |
| 1036 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Implement error handling subsystem   | J. Moringen | 10/16/2017 09:22 PM | Python        | 30     |
| 1035 | Robotics Service Bus           | Tasks       | New         | Normal   | Implement error handling subsystem   |             | 10/16/2017 09:22 PM | C++           | 0      |
| 1033 | Compliant Control Architecture | Bug         | New         | Normal   | Tests do not actually use configured Spread port                           |             | 08/12/2013 02:19 PM |               | 0      |
| 1023 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Add Transport class [C++]  |             | 10/16/2017 09:22 PM | C++           | 50     |
| 1021 | Robot Control Interface        | Enhancement | New         | Low      | Use sphinx' citation feature in manual                                     |             | 09/12/2013 04:25 PM |               | 0      |
| 1010 | Benchmarking Environment       | Feature     | In Progress | Normal   | Valgrind as intrinsic execution engine                                     | M. Rolf     | 06/20/2012 02:55 PM |               | 10     |

| #    | Project                        | Tracker     | Status      | Priority | Subject   | Assignee    | Updated             | Category          | % Done |
|------|--------------------------------|-------------|-------------|----------|---|-------------|---------------------|-------------------|--------|
| 1005 | Packaging                      | Tasks       | New         | Normal   | Create lib*, *-dev and *-bin packages and sort out some compli- cance issues                    |             | 07/07/2016 10:11 AM |                   | 0      |
| 1004 | Packaging                      | Tasks       | New         | Normal   | Create Debian packages for rsb-python, rst-python   |             | 07/07/2016 10:11 AM |                   | 30     |
| 997  | Robotics Service Bus           | Enhancement | In Progress | Normal   | Replace ProtoBuf Serialization of RSB Notifications through a Rosetta-based Serialization       | J. Moringen | 02/06/2014 05:32 PM | Protocol          | 20     |
| 979  | RSBag                          | Enhancement | In Progress | Normal   | bag record: Make status output more intuitive   | J. Moringen | 10/16/2017 09:22 PM | Commandline Tools | 50     |
| 978  | Robot Control Interface        | Tasks       | New         | Urgent   | NaN when converting in singularities  |             | 09/12/2013 04:25 PM |                   | 20     |
| 973  | Compliant Control Architecture | Bug         | New         | High     | Type filter for input ports   |             | 09/29/2014 12:28 AM |                   | 0      |
| 971  | RSBag                          | Enhancement | New         | Low      | Allow limiting recording time   |             | 10/16/2017 09:22 PM | Commandline Tools | 0      |
| 970  | Compliant Control Architecture | Feature     | New         | Normal   | PortTriggered processing for set of ports   |             | 09/12/2013 04:25 PM |                   | 0      |
| 969  | Compliant Control Architecture | Feature     | New         | Normal   | ModerateProcessing for set of ports   |             | 09/12/2013 04:25 PM |                   | 0      |
| 960  | Compliant Control Architecture | Support     | New         | Normal   | Component exception throwing is caught somewhere  |             | 03/21/2012 04:51 PM |                   | 0      |
| 950  | Packaging                      | Tasks       | New         | Low      | Create packages for documentation   |             | 07/07/2016 10:11 AM |                   | 0      |
| 948  | Benchmarking Environment       | Enhancement | Feedback    | Normal   | Parameters  |             | 03/14/2012 01:55 PM |                   | 0      |
| 946  | Robotics Service Bus           | Enhancement | New         | Normal   | Make causes semantically identifiable   |             | 04/17/2015 03:09 AM |                   | 0      |
| 945  | RSBag                          | Tasks       | New         | Normal   | Support proper temporal intervals in Elan backend   | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend      | 0      |
| 944  | Robot Control Interface        | Feature     | Feedback    | Normal   | Provide pose interpolation  |             | 09/12/2013 04:25 PM |                   | 0      |
| 923  | RSBag                          | Bug         | New         | Normal   | Computation of channel format is a horrible hack  |             | 10/16/2017 09:22 PM |                   | 0      |
| 922  | RSB GStreamer Integration      | Tasks       | New         | Normal   | Create a manual   |             | 03/02/2012 09:06 PM |                   | 0      |
| 904  | Robot Control Interface        | Feature     | New         | Normal   | Orientation interface methods for euler angles zyx  |             | 03/07/2012 12:15 PM |                   | 0      |
| 897  | RSBag                          | Tasks       | New         | Normal   | Verify Elan backend   | J. Moringen | 04/02/2017 10:52 AM | ELAN Backend      | 0      |
| 896  | RSBag                          | Feature     | In Progress | Normal   | Extend Elan backend   | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend      | 20     |
| 895  | Benchmarking Environment       | Tasks       | Feedback    | Normal   | Unit support  |             | 06/20/2012 01:18 PM |                   | 0      |
| 889  | Robotics Service Bus           | Tasks       | New         | Normal   | Scope renaming [Common Lisp]  | J. Moringen | 06/08/2016 02:18 PM | Common Lisp       | 0      |
| 888  | Robotics Service Bus           | Tasks       | New         | Normal   | Scope renaming [Python]   |             | 06/08/2016 02:18 PM | Python            | 0      |
| 887  | Robotics Service Bus           | Tasks       | New         | Normal   | Scope renaming [Java]   |             | 06/08/2016 02:18 PM | Java              | 0      |
| 886  | Robotics Service Bus           | Tasks       | New         | Normal   | Scope renaming (C++)  |             | 06/08/2016 02:19 PM | C++               | 0      |
| 885  | Robotics Service Bus           | Tasks       | New         | Normal   | Specify scope renaming  |             | 06/08/2016 02:20 PM | Specification     | 0      |
| 883  | Robot Control Interface        | Tasks       | New         | Normal   | Rethink shared pointers   |             | 08/12/2013 02:09 PM |                   | 0      |
| 879  | Compliant Control Architecture | Feature     | New         | Normal   | RTBeat  |             | 09/12/2013 04:25 PM |                   | 0      |
| 875  | RSBag                          | Feature     | In Progress | Low      | Newer tool versions should be able to write files in format understandable by older versions    | J. Moringen | 10/16/2017 09:22 PM |                   | 50     |
| 854  | Continuum Kinematics           | Tasks       | In Progress | Normal   | Build 'dev' as well as 'binary' Debian packages   |             | 02/16/2012 02:32 PM |                   | 50     |
| 842  | Robotics Systems Types         | Tasks       | New         | Normal   | Extract Joint Mapping Information from JointState.proto into Seperate BodySchema Representation |             | 12/17/2015 09:19 AM | protocol          | 0      |
| 839  | Compliant Control Architecture | Bug         | New         | High     | Report error/throw exception if missing converter   |             | 08/12/2013 02:21 PM |                   | 0      |
| 831  | RSB GStreamer Integration      | Bug         | New         | Normal   | rsbvideosink in conjunction with plugin tee fails without reasonable error messages             |             | 01/31/2012 12:16 PM |                   | 0      |
| 826  | Benchmarking Environment       | Tasks       | In Progress | Normal   | Generate common benchmark output  |             | 06/22/2012 04:40 PM |                   | 50     |
| 824  | Benchmarking Environment       | Tasks       | In Progress | Normal   | Measure CPU time via callgrind  |             | 06/22/2012 04:40 PM |                   | 55     |

| #   | Project                   | Tracker     | Status      | Priority | Subject   | Assignee    | Updated             | Category                 | % Done |
|-----|---------------------------|-------------|-------------|----------|---|-------------|---------------------|--------------------------|--------|
| 823 | Benchmarking Environment  | Tasks       | In Progress | Normal   | Executing entire benchmark  |             | 06/22/2012 04:40 PM |                          | 20     |
| 822 | Benchmarking Environment  | Tasks       | In Progress | Normal   | Benchmark Baselines   |             | 06/19/2012 05:51 PM |                          | 50     |
| 820 | NemoMath                  | Tasks       | New         | Normal   | Write Benchmarks for Matrix and Matrix-Vector algebra operations              | M. Rolf     | 05/10/2013 07:17 AM |                          | 0      |
| 819 | NemoMath                  | Tasks       | New         | Normal   | Write Benchmarks for Vector algebra operations                                | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 778 | Robotics Service Bus      | Enhancement | New         | Normal   | Move Figures to Top-Level Folder  |             | 12/22/2015 11:15 AM | Talks                    | 0      |
| 774 | NemoMath                  | Enhancement | New         | Normal   | Provide SlidingWindow implementation  |             | 09/23/2013 06:18 PM |                          | 0      |
| 754 | NemoMath                  | Tasks       | New         | Normal   | Check mapping API for compatibility with boost quaternions                    |             | 02/01/2012 12:42 PM |                          | 0      |
| 753 | NemoMath                  | Enhancement | New         | Normal   | Check use of pre-compiled headers   | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 752 | NemoMath                  | Support     | New         | High     | Support type-changing numeric operations in Vector and Matrix                 | M. Rolf     | 02/01/2012 12:41 PM |                          | 0      |
| 746 | Robotics Systems Commons  | Bug         | New         | Normal   | Logger-Tree in LoggerFactory is not cleaned from abandoned loggers (pruning?) |             | 02/02/2018 07:20 PM | Logging                  | 0      |
| 739 | RSB GStreamer Integration | Enhancement | New         | Normal   | Support at least one additional YUV color mode                                |             | 11/28/2011 06:20 PM |                          | 0      |
| 738 | Robotics Systems Types    | Tasks       | New         | Normal   | Specify color modes in rst.vision.Image more precisely                        |             | 11/28/2011 06:18 PM |                          | 0      |
| 729 | Robotics Service Bus      | Feature     | New         | Normal   | Allow regex-based converter selection for deserializing                       |             | 11/23/2011 01:26 PM | Java                     | 0      |
| 707 | NemoMath                  | Enhancement | New         | Normal   | Declare all funcions with throw() suffixes                                    | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 705 | NemoMath                  | Enhancement | New         | Normal   | Provide efficient 'swap' implementations for all data-types                   | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 698 | NemoMath                  | Tasks       | New         | Normal   | Continuous valgrind checks  |             | 02/01/2012 12:41 PM |                          | 0      |
| 696 | NemoMath                  | Tasks       | New         | Normal   | Check debian packages   |             | 02/05/2012 02:43 PM |                          | 0      |
| 691 | RSB Benchmarking          | Enhancement | New         | Normal   | Full Automatization of Benchmarking Setup                                     |             | 10/31/2011 06:57 PM |                          | 0      |
| 690 | RSB Benchmarking          | Feature     | Feedback    | Normal   | Validate Benchmarking Setup   | J. Moringen | 10/31/2011 05:00 PM |                          | 0      |
| 688 | Robotics Service Bus      | Bug         | Feedback    | Normal   | Name resolution does not work with absolute package names                     | J. Moringen | 10/25/2014 05:01 PM | Common Lisp Tools        | 0      |
| 674 | Robotics Service Bus      | Feature     | New         | Normal   | Implement ErrorHandler subsystem in Java                                      |             | 10/16/2017 09:22 PM | Java                     | 0      |
| 671 | Robotics Service Bus      | Bug         | In Progress | Normal   | rsb-java does not shutdown properly if a Spread connection fails              | S. Wrede    | 09/02/2013 06:40 PM | Java                     | 20     |
| 655 | Robotics Systems Commons  | Tasks       | New         | Normal   | Add a TaskExecutor implementation for many delayed tasks                      |             | 06/30/2016 12:37 PM | Threading                | 0      |
| 654 | Robotics Systems Commons  | Enhancement | New         | Normal   | Improve cancellation of Tasks in the delay time                               |             | 06/30/2016 12:37 PM | Threading                | 0      |
| 648 | Robotics Service Bus      | Enhancement | New         | Low      | Ideas for Recording Data on a Resource-Constrained System                     |             | 05/22/2013 11:27 AM |                          | 0      |
| 647 | Robotics Service Bus      | Enhancement | New         | Normal   | Hierarchical Event Fusion   |             | 10/19/2011 03:57 PM |                          | 0      |
| 631 | Robotics Systems Types    | Tasks       | Feedback    | Normal   | Make revisions for each IDL file available at runtime                         |             | 02/19/2014 02:51 PM | Build System             | 0      |
| 597 | Robotics Service Bus      | Tasks       | New         | Low      | Evaluate whether we want to move to Github once Spread is extracted           |             | 03/14/2015 01:53 AM |                          | 0      |
| 594 | NemoMath                  | Feature     | New         | Low      | Code Coverage stats   |             | 02/01/2012 12:41 PM |                          | 0      |
| 577 | NemoMath                  | Feature     | New         | Normal   | rvalue support with GCC<=4.3  | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 576 | NemoMath                  | Feature     | New         | Normal   | Expression Templates for MathVector arithmetics                               | M. Rolf     | 09/23/2013 06:18 PM |                          | 0      |
| 551 | Robotics Service Bus      | Enhancement | Feedback    | High     | Language-specific configuration   |             | 04/24/2015 05:38 PM | Configuration            | 0      |
| 546 | Robotics Service Bus      | Bug         | New         | Low      | Consider introduction of lock-free queues                                     |             | 03/15/2012 12:54 PM | Performance Optimization | 0      |
| 544 | Robotics Service Bus      | Enhancement | New         | Normal   | Check usage and reduce number of dynamic casts                                |             | 09/05/2011 11:31 AM | Performance Optimization | 0      |
| 524 | RSB Bag                   | Tasks       | In Progress | Normal   | Which timestamps should be set based on recorded information?                 | J. Moringen | 10/16/2017 09:22 PM |                          | 30     |
| 515 | Robotics Service Bus      | Bug         | New         | Normal   | Data handlers cannot deal with unexpected types                               |             | 10/10/2017 06:21 PM | Specification            | 0      |
| 507 | RSB GStreamer Integration | Tasks       | New         | Normal   | Expose RSB configuration options as GObject properties?                       |             | 08/16/2011 12:43 AM |                          | 0      |

| #   | Project                        | Tracker     | Status      | Priority | Subject   | Assignee    | Updated             | Category         | % Done |
|-----|--------------------------------|-------------|-------------|----------|---|-------------|---------------------|------------------|--------|
| 505 | RSB GStreamer Integration      | Bug         | New         | Normal   | More than two channels cannot be processed                                | J. Moringen | 10/09/2012 10:57 PM |                  | 0      |
| 501 | RSB GStreamer Integration      | Tasks       | New         | Normal   | Think about current lifecycle   |             | 01/31/2012 12:16 PM |                  | 0      |
| 485 | Robotics Service Bus           | Bug         | In Progress | Normal   | Converters for Fundamental Types are not Implemented [Java]               | J. Moringen | 10/10/2017 06:21 PM | Java             | 80     |
| 483 | Robotics Service Bus           | Support     | New         | Normal   | Document Connector Extension Point  |             | 10/16/2017 09:22 PM | Documentation    | 0      |
| 478 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Refactor rsb.transport.converter Module                                   |             | 04/23/2015 11:24 AM | Python           | 30     |
| 477 | Robotics Service Bus           | Enhancement | Feedback    | Low      | Test / Reconsider Distributed Logging                                     |             | 08/05/2011 06:38 PM |                  | 0      |
| 475 | Robotics Service Bus           | Enhancement | New         | Low      | Use RST IDL Type for Protocol Buffer Tutorials                            | S. Wrede    | 02/27/2012 03:15 PM |                  | 0      |
| 471 | Robotics Service Bus           | Feature     | New         | Normal   | Support for RPC clients which do not require a running server part        |             | 07/07/2016 10:10 AM |                  | 0      |
| 432 | Robotics Service Bus           | Tasks       | Feedback    | Normal   | Logo Design   |             | 01/08/2016 01:02 PM | Marketing        | 70     |
| 392 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Multi-Connector Setups lead to duplicate reception of Events              |             | 07/07/2016 11:22 AM | Specification    | 20     |
| 390 | Robotics Service Bus           | Bug         | New         | Normal   | Handling of sendTime in Informer  |             | 11/27/2014 01:23 PM | Specification    | 0      |
| 382 | Robotics Service Bus           | Feature     | In Progress | Normal   | Interaction with Foreign Nameservice                                      | J. Moringen | 06/08/2016 02:21 PM | ROS Connector    | 50     |
| 381 | Robotics Service Bus           | Feature     | New         | Low      | Timestamp compatilbty to ROS and YARP                                     |             | 06/21/2011 07:43 PM | Specification    | 0      |
| 380 | Robotics Service Bus           | Enhancement | New         | Normal   | Support URIs for Participant Configuration                                |             | 04/24/2015 05:38 PM | Python           | 0      |
| 379 | Robotics Service Bus           | Enhancement | New         | Normal   | Support URIs for Participant Configuration                                | S. Wrede    | 04/24/2015 05:38 PM | Java             | 0      |
| 378 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Support URIs for Participant Configuration                                | R. Haschke  | 04/24/2015 05:38 PM | C++              | 80     |
| 377 | Robotics Service Bus           | Tasks       | New         | Normal   | Pull-style Event Receiving  |             | 04/24/2015 05:38 PM | Python           | 0      |
| 376 | Robotics Service Bus           | Tasks       | New         | Normal   | Pull-style Event Receiving  | S. Wrede    | 04/24/2015 05:38 PM | Java             | 0      |
| 373 | Robotics Service Bus           | Tasks       | In Progress | Normal   | Move Spread Transport into separate System                                | J. Moringen | 10/16/2017 09:22 PM | Common Lisp      | 60     |
| 364 | Rosetta Stone Project          | Enhancement | New         | Normal   | Code generation does not handle composite structures                      | J. Moringen | 08/03/2012 06:19 PM | ROS Backend      | 0      |
| 351 | Robotics Service Bus           | Enhancement | New         | Urgent   | Revise Converter Selection Mechanism                                      |             | 10/16/2017 09:22 PM |                  | 100    |
| 344 | Robotics Service Bus           | Bug         | New         | High     | C++ Spread: Transport-level errors are not handled properly               |             | 10/10/2017 06:21 PM | Spread Connector | 20     |
| 340 | Robotics Service Bus           | Feature     | Feedback    | Normal   | Implement Distributed Namingservice                                       |             | 12/22/2015 11:19 AM | Introspection    | 0      |
| 331 | Robotics Service Bus           | Tasks       | In Progress | Low      | Generate and export API Documentation                                     | J. Moringen | 01/06/2012 06:05 PM | Common Lisp      | 20     |
| 322 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Introspectable Configuration Options [Java]                               | J. Moringen | 10/16/2017 09:22 PM | Java             | 50     |
| 320 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Introspectable Configuration Options [Python]                             |             | 10/16/2017 09:22 PM | Python           | 50     |
| 318 | Robotics Service Bus           | Feature     | New         | Normal   | Support QoS in Spread connector   | J. Moringen | 04/19/2012 05:27 PM | Common Lisp      | 0      |
| 300 | Compliant Control Architecture | Tasks       | New         | Normal   | TimedContainer / BeatContainer  |             | 05/17/2011 08:39 PM |                  | 0      |
| 290 | Compliant Control Architecture | Tasks       | Feedback    | High     | Timing for Control  |             | 08/12/2013 02:21 PM |                  | 0      |
| 286 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Introspectable Configuration Options [C++]                                | J. Moringen | 10/16/2017 09:22 PM | C++              | 80     |
| 284 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Specify barricade strategy for passed arguments                           |             | 05/16/2011 04:52 PM | C++              | 50     |
| 283 | Robotics Service Bus           | Enhancement | In Progress | Normal   | Unify exception handling  |             | 02/27/2012 03:29 PM | C++              | 30     |
| 278 | Robot Control Interface        | Feature     | New         | Normal   | Check on making constructors protected/private to just use boost pointers |             | 08/12/2013 02:16 PM |                  | 0      |
| 230 | Packaging                      | Feature     | New         | Normal   | Think about wrapper script or extension for spread daemon                 |             | 06/30/2016 12:35 PM |                  | 50     |
| 166 | Robotics Systems Commons       | Tasks       | New         | Normal   | Make windows subprocess test meaningful                                   |             | 04/27/2015 11:16 AM | Subprocess       | 0      |
| 52  | Robotics Service Bus           | Bug         | New         | Normal   | State model/checking for modifications on InRouteConfigurators required   |             | 09/05/2013 05:50 PM | C++              | 0      |
| 45  | Robotics Service Bus           | Feature     | New         | Normal   | Add Conditional Parsing for User Data in Receiver Process                 | S. Wrede    | 08/18/2010 09:00 PM | C++              | 0      |