# Robotics Service Bus

| | 2021-9 | | | | 2021-10 | | | | 2021-11 | | | | 2021-12 | | | | | 2022-1 | | | | 2022-2 | | | |
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| | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Robotics Service Bus | Robotics Service Bus | | | | | | | | | | | | | | | | | | | | | | | | |
| Add Conditional Parsing for User Data in (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| State model/checking for modifications on (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unify exception handling | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specify barricade strategy for passed arguments | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support QoS in Spread connector | | | | | | | | | | | | | | | | | | | | | | | | | |
| Generate and export API Documentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timestamp compatibilty to ROS and YARP | | | | | | | | | | | | | | | | | | | | | | | | | |
| Use RST IDL Type for Protocol Buffer Tutorials | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test / Reconsider Distributed Logging | | | | | | | | | | | | | | | | | | | | | | | | | |
| Check usage and reduce number of dynamic (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consider introduction of lock-free queues | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hierarchical Event Fusion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ideas for Recording Data on a Resource-Constrained (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| rsb-java does not shutdown properly if a (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Create an in process example | | | | | | | | | | | | | | | | | | | | | | | | | |
| Allow regex-based converter selection for (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Move Figures to Top-Level Folder | | | | | | | | | | | | | | | | | | | | | | | | | |
| Improve documentation for debian package (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VERSION_SUFFIX should be configurable | | | | | | | | | | | | | | | | | | | | | | | | | |
| Socket transport in Python silently drops (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Matlab Installation Doc | | | | | | | | | | | | | | | | | | | | | | | | | |
| Better handling of dependencies without pc (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| rsb matlab interface not fully working with (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Encode version in library name | | | | | | | | | | | | | | | | | | | | | | | | | |
| pkg-config test fails in integration test | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support common installations (to simlify (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Allow (optional) parallel method calls | | | | | | | | | | | | | | | | | | | | | | | | | |

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| added WireSchemaFilter + FilterCombination | |
| Compilation of RSB Tools fails on MacOS 10.10 | |
| Setters for TimesyncStrategy options | |
| Uniformed path for System-Config in Windows | |
| Robotics Service Bus - rsb-0.18 | rsb-0.18 30% |
| Introspectable Configuration Options (...) | In Progress 80% |
| Introspectable Configuration Options (...) | In Progress 50% |
| Introspectable Configuration Options (...) | In Progress 50% |
| C++ Spread: Transport-level errors are (...) | New 20% |
| Revise Converter Selection Mechanism | New 100% |
| Move Spread Transport into separate (...) | In Progress 60% |
| Document Connector Extension Point | New 0% |
| Converters for Fundamental Types are (...) | In Progress 80% |
| Data handlers cannot deal with unexpected (...) | New 0% |
| Implement ErrorHandler subsystem in (...) | New 0% |
| Add Transport class [C++] | In Progress 50% |
| Implement error handling subsystem | New 0% |
| Implement error handling subsystem | In Progress 30% |
| Specify disconnect protocol for socket (...) | In Progress 50% |
| Allow checking if handlers are registered (...) | Feedback 0% |
| Document programmatic configuration (...) | In Progress 20% |
| Really support wire-types other than (...) | New 0% |
| Use better wire-type for binary blobs | New 0% |
| Add a CMake macro for RSB plugins | Feedback 0% |
| Document plugin mechanism | In Progress 25% |
| Document Java plugin mechanism | New 0% |
| Document Python plugin mechanism | New 0% |
| Document Common Lisp plugin mechanism | New 0% |
| Python socket transport swallows missing (...) | New 0% |
| Document receiving and processing using (...) | New 0% |
| Document writing converters in manual | In Progress 30% |
| Describe Recommend Way of using Domain (...) | New 0% |
| Allow easy debugging of RSB configuration | In Progress 90% |
| Implement configuration inspector (...) | In Progress 50% |

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| Improve termination of python processes | New 0% |
| Provide better interface for parameterless (...) | New 0% |
| Transports returned by ParticipantConfig::getTransports() (...) | New 0% |
| Improve event type handling and converter (...) | New 0% |
| Prevent termination of BusServer when (...) | New 0% |
| setup.py should specify the protobuf (...) | New 50% |
| Configurator can't check if connector (...) | New 0% |
| Export default plugin folder | Feedback 50% |
| Highlight interesting things in logger/bag-cat (...) | In Progress 30% |
| Add commandline options to exclude scopes (...) | In Progress 60% |
| Add intermediate results to request-reply (...) | In Progress 10% |
| Finalize introspection implementation | New 16% |
| Provide introspection functionality (...) | Feedback 0% |
| Enable introspection senders by (...) | In Progress 60% |
| Rebuild introspection database (...) | In Progress 50% |
| Reference documentation in error reports | In Progress 70% |
| Reference documentation in conditions | In Progress 70% |
| Call tool does not complain if it can't (...) | Feedback 30% |
| Document void -> void RPC in the troubleshooting (...) | In Progress 20% |
| Documentation should include an example (...) | New 0% |
| Extend documentation on using and writing (...) | New 0% |
| Document converter disambiguation (programmatic (...) | New 0% |
| Listener state changes are not synchronized, (...) | New 0% |
| Handling of missing/not-encodable Hostname (...) | New 0% |
| Allow constructing scopes from a list (...) | New 0% |
| Provide simple API to programmatically (...) | Feedback 70% |
| Specification of preferred converters (...) | New 0% |
| Remove rsb.wire-schema property from (...) | New 0% |
| Visual indication when rsb-logger* (or (...) | New 0% |
| Use sphinx.ext.ifconfig for version-dependent (...) | New 0% |
| Socket Server Deadlock | New 0% |
| Wait for confirmation when joining Spread (...) | In Progress 60% |
| Wait for confirmation when joining (...) | New 0% |
| Wait for confirmation when joining (...) | New 0% |

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| Unexpected Exception about introspection | New 0% |
| Graph for introspection web interface | In Progress 50% |
| Improve frequency calculation | New 0% |
| Scope-specific max-depth overrides for (...) | New 0% |
| Add average rate field to logger styles | New 0% |
| Unable to play large tide file when (...) | New 0% |
| In addition to DISPLAY_NAME, the introspection (...) | In Progress 0% |
| CL tools sometimes fail to connect to (...) | New 0% |
| Release version 0.18 | In Progress 90% |
| Introspection Bugs | New 0% |
| Robotics Service Bus - rsb-1.0 | rsb-1.0 16% |
| Implement Distributed Namingservice | Feedback 0% |
| Pull-style Event Receiving | New 0% |
| Pull-style Event Receiving | New 0% |
| Support URIs for Participant Configuration | New 0% |
| Support URIs for Participant Configuration | New 0% |
| Interaction with Foreign Nameservice | In Progress 50% |
| Handling of sendTime in Informer | New 0% |
| Multi-Connector Setups lead to duplicate (...) | In Progress 20% |
| Logo Design | Feedback 70% |
| Support for RPC clients which do not (...) | New 0% |
| Refactor rsb.transport.converter Module | In Progress 30% |
| Language-specific configuration | Feedback 0% |
| Evaluate whether we want to move to (...) | New 0% |
| Name resolution does not work with absolute (...) | Feedback 0% |
| Scope renaming | New 0% |
| Specify scope renaming | New 0% |
| Scope renaming (C++) | New 0% |
| Scope renaming [Java] | New 0% |
| Scope renaming [Python] | New 0% |
| Scope renaming [Common Lisp] | New 0% |
| Make causes semantically identifiable | New 0% |
| Replace ProtoBuf Serialization of RSB (...) | In Progress 20% |
| "auto" server mode is inefficient | New 0% |

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| Implement communication with congestion (...) | In Progress 10% |
| Test examples as part of unit tests | New 0% |
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| Participant-wise configuration | New 0% |
| Sphinx-based documentation for rsb-matlab | New 0% |
| Use lparallel futures if possible | In Progress 30% |
| Common Lisp logger stumbles upon wrong (...) | New 0% |
| Add data type to all participants, especially (...) | New 0% |
| Separate Converter selection strategies (...) | New 0% |
| "Auto" mode of the socket transport (...) | New 0% |
| Evaluate Boost.Exception for dealing (...) | New 0% |
| Deliver binaries with pre-warmed PCL (...) | New 0% |
| Change and/or enforce naming conventions (...) | New 0% |
| Implement introspection event receiver (...) | New 0% |
| Implement introspection event receiver (...) | New 0% |
| Implement introspection event receiver (...) | New 0% |
| Include environment variables in introspection (...) | New 0% |
| Reader does not work with multi-connector (...) | New 0% |
| Support URIs for Participant Configuration | In Progress 80% |
| merge URI spec into ParticipantConfig | Feedback 80% |
| allow shallow data copy for converter (...) | New 0% |
| Qt-based graphical event logger | In Progress 80% |
| Check that RemoteServer instances delete (...) | New 0% |
| Provide Contrib Library or Folder for (...) | New 0% |
| Consider using git subtrees instead (...) | New 0% |
| Symlinks/Aliases for Scopes | Feedback 0% |
| RSB XML Support | RSB XML Support |
| Robotics Service Bus - rsb-0.18 | rsb-0.18 30% |
| Add a plugin which registers the (...) | Feedback 50% |
| RSBag | RSBag |
| Robotics Service Bus - rsb-0.18 | rsb-0.18 30% |
| Which timestamps should be set (...) | In Progress 30% |
| Newer tool versions should be able (...) | In Progress 50% |
| Computation of channel format is (...) | New 0% |

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| Extend Elan backend | In Progress 20% |
| Support proper temporal intervals (...) | New 0% |
| Support linked media files (...) | In Progress 40% |
| Allow limiting recording time | New 0% |
| bag record: Make status output (...) | In Progress 50% |
| Minimal support for ROSbag file (...) | In Progress 60% |
| Support explicit backend selection | New 0% |
| Store start and end timestamp of (...) | New 0% |
| bag record: Start timestamp for (...) | New 0% |
| Allow to deduplicate participants (...) | New 0% |
| Bag as bus server crashes in case (...) | New 0% |
| Events with same timestamps are (...) | In Progress 20% |
| Flush indices based on combined (...) | New 0% |
| show-progress online help doesn't (...) | New 0% |
| Allow to specify output stream (...) | New 0% |
| Robotics Service Bus - rsb-1.0 | rsb-1.0 16% |
| Verify Elan backend | New 0% |
| Use data type definitions stored (...) | In Progress 30% |
| Rename bag-merge -> bag-transform | In Progress 60% |
| Support C++ as a client language | In Progress 50% |
| Support Java as a client language | New 0% |
| Document C++ client API | New 0% |
| Document Java client API | New 0% |
| Add TYPE block to TIDELog backend | In Progress 20% |
| Add META block to TIDELog backend | In Progress 20% |