

Robotics Service Bus - Issues

| # | Tracker | Status | Priority | Subject | Assignee | Updated | Category | % Done |
|------|---------|-------------|----------|--|-------------|---------------------|-------------------|--------|
| 344 | Bug | New | High | C++ Spread: Transport-level errors are not handled properly | | 10/10/2017 06:21 PM | Spread Connector | 20 |
| 1849 | 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 |
| 2686 | Bug | New | Normal | CL tools sometimes fail to connect to localhost | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 0 |
| 923 | Bug | New | Normal | Computation of channel format is a horrible hack | | 10/16/2017 09:22 PM | | 0 |
| 1620 | Bug | New | Normal | Configurator can't check if connector is active | | 10/10/2017 06:21 PM | C++ | 0 |
| 485 | Bug | In Progress | Normal | Converters for Fundamental Types are not Implemented [Java] | J. Moringen | 10/10/2017 06:21 PM | Java | 80 |
| 515 | Bug | New | Normal | Data handlers cannot deal with unexpected types | | 10/10/2017 06:21 PM | Specification | 0 |
| 2558 | Bug | In Progress | Normal | Events with same timestamps are replayed with changed order | J. Moringen | 10/16/2017 09:23 PM | Replay | 20 |
| 2753 | Bug | New | Normal | Introspection Bugs | J. Moringen | 06/13/2018 09:56 AM | Introspection | 0 |
| 2117 | Bug | New | Normal | Listener state changes are not synchronized, informer one's are | | 10/10/2017 06:21 PM | Java | 0 |
| 1410 | 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 |
| 2163 | Bug | New | Normal | Remove rsb.wire-schema property from metaData in socket transport | | 10/10/2017 06:18 PM | Specification | 0 |
| 2675 | Bug | New | Normal | show-progress online help doesn't list available styles | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools | 0 |
| 2246 | Bug | New | Normal | Socket Server Deadlock | | 10/10/2017 06:21 PM | C++ | 0 |
| 2150 | Bug | New | High | Specification of preferred converters should be reconsidered | | 10/10/2017 06:18 PM | C++ | 0 |
| 2398 | 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 |
| 2313 | Bug | New | Normal | Unexpected Exception about introspection | | 10/10/2017 06:21 PM | Python | 0 |
| 1149 | Feature | Feedback | Normal | Allow checking if handlers are registered in Listener | | 10/16/2017 09:22 PM | C++ | 0 |
| 2138 | Feature | New | Normal | Allow constructing scopes from a list of component strings (potentially single component) | | 10/16/2017 09:23 PM | | 0 |
| 2555 | Feature | In Progress | Normal | Allow easy debugging of RSB configuration | J. Moringen | 10/16/2017 09:23 PM | Configuration | 90 |
| 1825 | Feature | New | Normal | bag record: Start timestamp for remote recording start | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools | 0 |
| 1982 | Feature | In Progress | Normal | Enable introspection senders by default? | J. Moringen | 10/16/2017 09:23 PM | Introspection | 60 |
| 1767 | Feature | Feedback | Low | Export default plugin folder | | 10/16/2017 09:23 PM | Configuration | 50 |
| 896 | Feature | In Progress | Normal | Extend Elan backend | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend | 20 |
| 2139 | Feature | New | Normal | Finalize introspection implementation | | 10/16/2017 09:23 PM | Introspection | 16 |
| 1776 | Feature | In Progress | Normal | Highlight interesting things in logger/bag-cat output | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 30 |
| 674 | Feature | New | Normal | Implement ErrorHandler subsystem in Java | | 10/16/2017 09:22 PM | Java | 0 |
| 2673 | 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 |
| 1347 | Feature | In Progress | Low | Minimal support for ROSbag file format | J. Moringen | 10/16/2017 09:23 PM | ROSBag backend | 60 |
| 875 | 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 |
| 1993 | Feature | In Progress | Low | Rebuild introspection database when clock jumps | J. Moringen | 10/16/2017 09:23 PM | Introspection | 50 |
| 1839 | Feature | In Progress | Normal | Reference documentation in conditions | J. Moringen | 10/16/2017 09:22 PM | Common Lisp | 70 |
| 1139 | Feature | In Progress | Normal | Reference documentation in error reports | | 10/16/2017 09:22 PM | Documentation | 70 |
| 1769 | Feature | New | Normal | Store start and end timestamp of recording | | 10/16/2017 09:23 PM | | 0 |
| 1677 | Feature | New | Normal | Support explicit backend selection | J. Moringen | 10/16/2017 09:23 PM | Backend | 0 |
| 1718 | Feature | In Progress | Normal | Support linked media files in Elan backend | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend | 40 |
| 2170 | 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 |
| 483 | Support | New | Normal | Document Connector Extension Point | | 10/16/2017 09:22 PM | Documentation | 0 |

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|------|-------------|-------------|----------|---|-------------|---------------------|-----------------------|--------|
| 1227 | Tasks | Feedback | Normal | Add a CMake macro for RSB plugins | | 10/16/2017 09:23 PM | Build System | 0 |
| 1422 | Tasks | Feedback | Normal | Add a plugin which registers the XOP converter | S. Wrede | 10/16/2017 09:23 PM | C++ | 50 |
| 2479 | Tasks | New | Normal | Bag as bus server crashes in case client is closed | J. Moringen | 10/16/2017 09:23 PM | | 0 |
| 1418 | Tasks | New | Normal | Describe Recommend Way of using Domain Classes and Converters in the manual | | 10/16/2017 09:23 PM | Documentation | 0 |
| 1289 | Tasks | New | Normal | Document Common Lisp plugin mechanism | J. Moringen | 10/16/2017 09:22 PM | Documentation | 0 |
| 2111 | Tasks | New | High | Document converter disambiguation (programmatic and via config file) | | 10/16/2017 09:23 PM | Documentation | 0 |
| 1287 | Tasks | New | Normal | Document Java plugin mechanism | | 10/16/2017 09:22 PM | Documentation | 0 |
| 1166 | Tasks | In Progress | Normal | Document plugin mechanism | J. Moringen | 10/16/2017 09:22 PM | Documentation | 25 |
| 1191 | Tasks | In Progress | Normal | Document programmatic configuration of individual participants | J. Moringen | 10/16/2017 09:23 PM | Documentation | 20 |
| 1288 | Tasks | New | Normal | Document Python plugin mechanism | | 10/16/2017 09:22 PM | Documentation | 0 |
| 1414 | Tasks | New | Normal | Document receiving and processing using a thread-safe queue | | 10/16/2017 09:23 PM | Documentation | 0 |
| 1882 | 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 |
| 1415 | Tasks | In Progress | Normal | Document writing converters in manual | | 10/16/2017 09:23 PM | Documentation | 30 |
| 1901 | 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 |
| 2137 | Tasks | New | Normal | Handling of missing/not-encodable Hostname and/or HostId | | 10/16/2017 09:23 PM | Introspection | 0 |
| 1458 | Tasks | In Progress | Normal | Implement configuration inspector tool | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 50 |
| 1036 | Tasks | In Progress | Normal | Implement error handling subsystem | J. Moringen | 10/16/2017 09:22 PM | Python | 30 |
| 1035 | Tasks | New | Normal | Implement error handling subsystem | | 10/16/2017 09:22 PM | C++ | 0 |
| 373 | Tasks | In Progress | Normal | Move Spread Transport into separate System | J. Moringen | 10/16/2017 09:22 PM | Common Lisp | 60 |
| 1584 | Tasks | New | Low | Prevent termination of BusServer when client connections exist | | 10/16/2017 09:23 PM | Socket Transport | 0 |
| 1465 | Tasks | New | Normal | Provide better interface for parameterless RPC methods | S. Wrede | 10/16/2017 09:23 PM | Java | 0 |
| 1213 | Tasks | New | Normal | Really support wire-types other than string | | 10/16/2017 09:23 PM | C++ | 0 |
| 2743 | Tasks | In Progress | Normal | Release version 0.18 | J. Moringen | 02/07/2019 11:54 AM | Release Management | 90 |
| 1048 | Tasks | In Progress | Normal | Specify disconnect protocol for socket transport | J. Moringen | 10/16/2017 09:22 PM | Protocol | 50 |
| 945 | Tasks | New | Normal | Support proper temporal intervals in Elan backend | J. Moringen | 10/16/2017 09:22 PM | ELAN Backend | 0 |
| 1214 | Tasks | New | Normal | Use better wire-type for binary blobs | | 10/16/2017 09:23 PM | C++ | 0 |
| 2233 | Tasks | In Progress | Normal | Wait for confirmation when joining Spread groups | | 10/16/2017 09:23 PM | Spread Connector | 60 |
| 2433 | Tasks | New | Normal | Wait for confirmation when joining Spread groups [C++] | | 01/22/2018 04:29 PM | C++ | 0 |
| 2529 | Tasks | New | Normal | Wait for confirmation when joining Spread groups [Python] | | 10/16/2017 09:23 PM | Python | 0 |
| 524 | Tasks | In Progress | Normal | Which timestamps should be set based on recorded information? | J. Moringen | 10/16/2017 09:22 PM | | 30 |
| 2368 | Enhancement | New | Normal | Add average rate field to logger styles | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 0 |
| 1777 | Enhancement | In Progress | Normal | Add commandline options to exclude scopes from logging | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 60 |
| 1757 | Enhancement | In Progress | Normal | Add intermediate results to request-reply pattern | | 10/16/2017 09:23 PM | Request Reply Pattern | 10 |
| 1023 | Enhancement | In Progress | Normal | Add Transport class [C++] | | 10/16/2017 09:22 PM | C++ | 50 |
| 971 | Enhancement | New | Low | Allow limiting recording time | | 10/16/2017 09:22 PM | Commandline Tools | 0 |
| 2376 | Enhancement | New | Normal | Allow to deduplicate participants in introspection export | J. Moringen | 10/16/2017 09:23 PM | | 0 |
| 2676 | Enhancement | New | Normal | Allow to specify output stream for show-progress style "ready" | J. Moringen | 10/16/2017 09:23 PM | Commandline Tools | 0 |
| 979 | Enhancement | In Progress | Normal | bag record: Make status output more intuitive | J. Moringen | 10/16/2017 09:22 PM | Commandline Tools | 50 |
| 2055 | Enhancement | New | Normal | Extend documentation on using and writing converters in the manual | | 10/16/2017 09:23 PM | Documentation | 0 |
| 2563 | Enhancement | New | High | Flush indices based on combined memory consumption of all indices | J. Moringen | 10/16/2017 09:23 PM | TIDELog Backend | 0 |
| 2359 | Enhancement | In Progress | Normal | Graph for introspection web interface | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 50 |

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|------|-------------|-------------|----------|---|-------------|---------------------|-------------------|--------|
| 1556 | Enhancement | New | Normal | Improve event type handling and converter selection | | 10/16/2017 09:23 PM | Java | 0 |
| 2366 | Enhancement | New | Normal | Improve frequency calculation | J. Moringen | 10/16/2017 09:23 PM | Common Lisp Tools | 0 |
| 1463 | Enhancement | New | Low | Improve termination of python processes | | 10/16/2017 09:23 PM | Python | 0 |
| 286 | Enhancement | In Progress | Normal | Introspectable Configuration Options [C++] | J. Moringen | 10/16/2017 09:22 PM | C++ | 80 |
| 322 | Enhancement | In Progress | Normal | Introspectable Configuration Options [Java] | J. Moringen | 10/16/2017 09:22 PM | Java | 50 |
| 320 | Enhancement | In Progress | Normal | Introspectable Configuration Options [Python] | | 10/16/2017 09:22 PM | Python | 50 |
| 1831 | Enhancement | Feedback | Low | Provide introspection functionality as shared object (as opposed to plugin-only)? | | 10/16/2017 09:23 PM | Introspection | 0 |
| 2149 | Enhancement | Feedback | Normal | Provide simple API to programmatically set preferred converters | | 10/16/2017 09:23 PM | C++ | 70 |
| 351 | Enhancement | New | Urgent | Revise Converter Selection Mechanism | | 10/16/2017 09:22 PM | | 100 |
| 2367 | 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 |
| 1597 | Enhancement | New | Low | setup.py should specify the protobuf dependency with the exact version | | 10/16/2017 09:23 PM | Python | 50 |
| 1548 | Enhancement | New | Normal | Transports returned by ParticipantConfig::getTransports() should be mutable | | 10/16/2017 09:23 PM | C++ | 0 |
| 2225 | Enhancement | New | Normal | Use sphinx.ext.ifconfig for version-dependent information in the manual | | 10/16/2017 09:23 PM | Documentation | 0 |