Robotics Service Bus

	2023-10				2023-11				2023-12				2024-1				2024-2				2024-3			
	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
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																										

Task	Status
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%**

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%

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%

Implement communication with congestion (...)	In Progress 10%
Test examples as part of unit tests	New 0%
Test examples as part of unit tests	New 0%
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%

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%**