

## Robotics Service Bus

	2020-3				2020-4				2020-5				2020-6				2020-7				2020-8				
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
<b>Robotics Service Bus</b>	<b>Robotics Service Bus</b>																								
<ul style="list-style-type: none"> <li>Add Conditional Parsing for User Data in (...)</li> <li>State model/checking for modifications on (...)</li> <li>Unify exception handling</li> <li>Specify barricade strategy for passed arguments</li> <li>Support QoS in Spread connector</li> <li>Generate and export API Documentation</li> <li>Timestamp compatilby to ROS and YARP</li> <li>Use RST IDL Type for Protocol Buffer Tutorials</li> <li>Test / Reconsider Distributed Logging</li> <li>Check usage and reduce number of dynamic (...)</li> <li>Consider introduction of lock-free queues</li> <li>Hierarchical Event Fusion</li> <li>Ideas for Recording Data on a Resource-Constrained (...)</li> <li>rsb-java does not shutdown properly if a (...)</li> <li>Create an in process example</li> <li>Allow regex-based converter selection for (...)</li> <li>Move Figures to Top-Level Folder</li> <li>Improve documentation for debian package (...)</li> <li>VERSION_SUFFIX should be configurable</li> <li>Socket transport in Python silently drops (...)</li> <li>Matlab Installation Doc</li> <li>Better handling of dependencies without pc (...)</li> <li>rsb matlab interface not fully working with (...)</li> <li>Encode version in library name</li> <li>pkg-config test fails in integration test</li> <li>Support common installations (to simlify (...)</li> <li>Allow (optional) parallel method calls</li> </ul>																									

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%

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