Robotics Service Bus - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
351	Enhancement	New	Urgent	Revise Converter Selection Mechanism		10/16/2017 09:22 PM		100
2150	Bug	New	High	Specification of preferred converters should be reconsidered		10/10/2017 06:18 PM	C++	0
344	Bug	New	High	C++ Spread: Transport-level errors are not handled properly		10/10/2017 06:21 PM	Spread Connector	20
1102	Feature	In Progress	High	Use data type definitions stored in log files	J. Moringen	04/03/2017 06:42 PM	Backend	30
2111	Tasks	New	High	Document converter disambiguation (programmatic and via config file)		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
551	Enhancement	Feedback	High	Language-specific configuration		04/24/2015 05:38 PM	Configuration	0
2753	Bug	New	Normal	Introspection Bugs	J. Moringen	06/13/2018 09:56 AM	Introspection	0
2686	Bug	New	Normal	CL tools sometimes fail to connect to localhost	J. Moringen	10/16/2017 09:23 PM	Common Lisp Tools	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
2558	Bug	In Progress	Normal	Events with same timestamps are replayed with changed order	J. Moringen	10/16/2017 09:23 PM	Replay	20
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
2246	Bug	New	Normal	Socket Server Deadlock		10/10/2017 06:21 PM	C++	0
2183	Bug	New	Normal	Compilation of RSB Tools fails on MacOS 10.10		04/15/2015 06:18 PM	C++ Tools	0
2167	Bug	New	Normal	Check that RemoteServer instances delete EventId instances in case of RPC timeouts		04/23/2015 11:09 AM	Java	0
2163	Bug	New	Normal	Remove rsb.wire-schema property from metaData in socket transport		10/10/2017 06:18 PM	Specification	0
2117	Bug	New	Normal	Listener state changes are not synchronized, informer one's are		10/10/2017 06:21 PM	Java	0
1914	Bug	New	Normal	Reader does not work with multi-connector setup		04/17/2015 03:00 AM	C++	0
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
1665	Bug	New	Normal	Support common installations (to simlify cross compiliation)		01/10/2014 11:53 AM		0
1642	Bug	New	Normal	pkg-config test fails in integration test		10/04/2013 12:23 AM	Build System	0
1620	Bug	New	Normal	Configurator can't check if connector is active		10/10/2017 06:21 PM	C++	0
1441	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
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
1401	Bug	New	Normal	Sphinx-based documentation for rsb-matlab	S. Wrede	07/07/2016 10:09 AM	Matlab	0
1335	Bug	New	Normal	Socket transport in Python silently drops events	J. Moringen	01/16/2013 04:27 PM	Python	0
923	Bug	New	Normal	Computation of channel format is a horrible hack		10/16/2017 09:22 PM		0
688	Bug	Feedback	Normal	Name resolution does not work with absolute package names	J. Moringen	10/25/2014 05:01 PM	Common Lisp Tools	0
671	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
515	Bug	New	Normal	Data handlers cannot deal with unexpected types		10/10/2017 06:21 PM	Specification	0
485	Bug	In Progress	Normal	Converters for Fundamental Types are not Implemented [Java]	J. Moringen	10/10/2017 06:21 PM	Java	80
390	Bug	New	Normal	Handling of sendTime in Informer		11/27/2014 01:23 PM	Specification	0
52	Bug	New	Normal	State model/checking for modifications on InRouteConfigurators required		09/05/2013 05:50 PM	C++	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
2555	Feature	In Progress	Normal	Allow easy debugging of RSB configuration	J. Moringen	10/16/2017 09:23 PM	Configuration	90
2227	Feature	Feedback	Normal	Symlinks/Aliases for Scopes	C. Leichsenring	06/09/2016 01:46 PM	Protocol	0

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
2185	Feature	New	Normal	Provide Contrib Library or Folder for Community Additions		06/14/2016 09:53 AM	Packaging	0
2139	Feature	New	Normal	Finalize introspection implementation		10/16/2017 09:23 PM	Introspection	16
2138	Feature	New	Normal	Allow constructing scopes from a list of component strings (potentially single component)		10/16/2017 09:23 PM		0
2051	Feature	In Progress	Normal	Qt-based graphical event logger	R. Haschke	04/24/2015 05:38 PM	C++ Tools	80
1982	Feature	In Progress	Normal	Enable introspection senders by default?	J. Moringen	10/16/2017 09:23 PM	Introspection	60
1870	Feature	New	Normal	Allow (optional) parallel method calls		06/30/2016 12:36 PM		0
1839	Feature	In Progress	Normal	Reference documentation in conditions	J. Moringen	10/16/2017 09:22 PM	Common Lisp	70
1825	Feature	New	Normal	bag record: Start timestamp for remote recording start	J. Moringen	10/16/2017 09:23 PM	Commandline Tools	0
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
1771	Feature	In Progress	Normal	Add META block to TIDELog backend	J. Moringen	04/02/2017 10:52 AM	TIDELog Backend	20
1770	Feature	In Progress	Normal	Add TYPE block to TIDELog backend	J. Moringen	04/02/2017 10:52 AM	TIDELog Backend	20
1769	Feature	New	Normal	Store start and end timestamp of recording		10/16/2017 09:23 PM		0
1747	Feature	New	Normal	Implement introspection event receiver and client API		11/22/2016 08:22 PM	Python	0
1746	Feature	New	Normal	Implement introspection event receiver and client API		11/22/2016 08:22 PM	Java	0
1745	Feature	New	Normal	Implement introspection event receiver and client API		11/22/2016 08:22 PM	C++	0
1718	Feature	In Progress	Normal	Support linked media files in Elan backend	J. Moringen	10/16/2017 09:22 PM	ELAN Backend	40
1706	Feature	In Progress	Normal	Support C++ as a client language	J. Moringen	11/10/2015 11:50 AM	C++ Client API	50
1677	Feature	New	Normal	Support explicit backend selection	J. Moringen	10/16/2017 09:23 PM	Backend	0
1149	Feature	Feedback	Normal	Allow checking if handlers are registered in Listener		10/16/2017 09:22 PM	C++	0
1139	Feature	In Progress	Normal	Reference documentation in error reports		10/16/2017 09:22 PM	Documentation	70
896	Feature	In Progress	Normal	Extend Elan backend	J. Moringen	10/16/2017 09:22 PM	ELAN Backend	20
729	Feature	New	Normal	Allow regex-based converter selection for deserializing		11/23/2011 01:26 PM	Java	0
674	Feature	New	Normal	Implement ErrorHandler subsystem in Java		10/16/2017 09:22 PM	Java	0
471	Feature	New	Normal	Support for RPC clients which do not require a running server part		07/07/2016 10:10 AM		0
382	Feature	In Progress	Normal	Interaction with Foreign Nameservice	J. Moringen	06/08/2016 02:21 PM	ROS Connector	50
340	Feature	Feedback	Normal	Implement Distributed Namingservice		12/22/2015 11:19 AM	Introspection	0
318	Feature	New	Normal	Support QoS in Spread connector	J. Moringen	04/19/2012 05:27 PM	Common Lisp	0
45	Feature	New	Normal	Add Conditional Parsing for User Data in Receiver Process	S. Wrede	08/18/2010 09:00 PM	C++	0
1399	Support	New	Normal	Matlab Installation Doc		02/07/2013 10:38 AM	Java	0
483	Support	New	Normal	Document Connector Extension Point		10/16/2017 09:22 PM	Documentation	0
2743	Tasks	In Progress	Normal	Release version 0.18	J. Moringen	02/07/2019 11:54 AM	Release Management	90
2559	Tasks	New	Normal	Scope renaming		06/08/2016 02:18 PM		0
2529	Tasks	New	Normal	Wait for confirmation when joining Spread groups [Python]		10/16/2017 09:23 PM	Python	0
2479	Tasks	New	Normal	Bag as bus server crashes in case client is closed	J. Moringen	10/16/2017 09:23 PM		0
2433	Tasks	New	Normal	Wait for confirmation when joining Spread groups [C++]		01/22/2018 04:29 PM	C++	0
2233	Tasks	In Progress	Normal	Wait for confirmation when joining Spread groups		10/16/2017 09:23 PM	Spread Connector	60
2216	Tasks	New	Normal	Consider using git subtrees instead of submodules		04/30/2015 12:55 PM		0
2137	Tasks	New	Normal	Handling of missing/not-encodable Hostname and/or HostId		10/16/2017 09:23 PM	Introspection	0
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
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
1768	Tasks	New	Normal	Evaluate Boost.Exception for dealing with re-thrown exceptions		04/24/2015 05:38 PM	C++	0

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
1708	Tasks	New	Normal	Document C++ client API		04/17/2015 03:05 AM	Documentation	0
1465	Tasks	New	Normal	Provide better interface for parameterless RPC methods	S. Wrede	10/16/2017 09:23 PM	Java	0
1458	Tasks	In Progress	Normal	Implement configuration inspector tool	J. Moringen	10/16/2017 09:23 PM	Common Lisp Tools	50
1456	Tasks	In Progress	Normal	Use lparallel futures if possible	J. Moringen	04/24/2015 05:38 PM	Common Lisp	30
1422	Tasks	Feedback	Normal	Add a plugin which registers the XOP converter	S. Wrede	10/16/2017 09:23 PM	C++	50
1418	Tasks	New	Normal	Describe Recommend Way of using Domain Classes and Converters in the manual		10/16/2017 09:23 PM	Documentation	0
1415	Tasks	In Progress	Normal	Document writing converters in manual		10/16/2017 09:23 PM	Documentation	30
1414	Tasks	New	Normal	Document receiving and processing using a thread-safe queue		10/16/2017 09:23 PM	Documentation	0
1365	Tasks	New	Normal	Participant-wise configuration		04/24/2015 05:38 PM		0
1289	Tasks	New	Normal	Document Common Lisp plugin mechanism	J. Moringen	10/16/2017 09:22 PM	Documentation	0
1288	Tasks	New	Normal	Document Python plugin mechanism		10/16/2017 09:22 PM	Documentation	0
1287	Tasks	New	Normal	Document Java plugin mechanism		10/16/2017 09:22 PM	Documentation	0
1227	Tasks	Feedback	Normal	Add a CMake macro for RSB plugins		10/16/2017 09:23 PM	Build System	0
1214	Tasks	New	Normal	Use better wire-type for binary blobs		10/16/2017 09:23 PM	C++	0
1213	Tasks	New	Normal	Really support wire-types other than string		10/16/2017 09:23 PM	C++	0
1191	Tasks	In Progress	Normal	Document programmatic configuration of individual participants	J. Moringen	10/16/2017 09:23 PM	Documentation	20
1189	Tasks	New	Normal	Test examples as part of unit tests		04/24/2015 05:34 PM	Python	0
1188	Tasks	New	Normal	Test examples as part of unit tests		04/24/2015 05:34 PM	Java	0
1166	Tasks	In Progress	Normal	Document plugin mechanism	J. Moringen	10/16/2017 09:22 PM	Documentation	25
1048	Tasks	In Progress	Normal	Specify disconnect protocol for socket transport	J. Moringen	10/16/2017 09:22 PM	Protocol	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
945	Tasks	New	Normal	Support proper temporal intervals in Elan backend	J. Moringen	10/16/2017 09:22 PM	ELAN Backend	0
897	Tasks	New	Normal	Verify Elan backend	J. Moringen	04/02/2017 10:52 AM	ELAN Backend	0
889	Tasks	New	Normal	Scope renaming [Common Lisp]	J. Moringen	06/08/2016 02:18 PM	Common Lisp	0
888	Tasks	New	Normal	Scope renaming [Python]		06/08/2016 02:18 PM	Python	0
887	Tasks	New	Normal	Scope renaming [Java]		06/08/2016 02:18 PM	Java	0
886	Tasks	New	Normal	Scope renaming (C++)		06/08/2016 02:19 PM	C++	0
885	Tasks	New	Normal	Specify scope renaming		06/08/2016 02:20 PM	Specification	0
524	Tasks	In Progress	Normal	Which timestamps should be set based on recorded information?	J. Moringen	10/16/2017 09:22 PM		30
432	Tasks	Feedback	Normal	Logo Design		01/08/2016 01:02 PM	Marketing	70
392	Tasks	In Progress	Normal	Multi-Connector Setups lead to duplicate reception of Events		07/07/2016 11:22 AM	Specification	20
377	Tasks	New	Normal	Pull-style Event Receiving		04/24/2015 05:38 PM	Python	0
376	Tasks	New	Normal	Pull-style Event Receiving	S. Wrede	04/24/2015 05:38 PM	Java	0
373	Tasks	In Progress	Normal	Move Spread Transport into separate System	J. Moringen	10/16/2017 09:22 PM	Common Lisp	60
2772	Enhancement	New	Normal	Uniformed path for System-Config in Windows		10/15/2018 10:31 AM	Configuration	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
2376	Enhancement	New	Normal	Allow to deduplicate participants in introspection export	J. Moringen	10/16/2017 09:23 PM		0
2368	Enhancement	New	Normal	Add average rate field to logger styles	J. Moringen	10/16/2017 09:23 PM	Common Lisp Tools	0
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
2366	Enhancement	New	Normal	Improve frequency calculation	J. Moringen	10/16/2017 09:23 PM	Common Lisp Tools	0
2359	Enhancement	In Progress	Normal	Graph for introspection web interface	J. Moringen	10/16/2017 09:23 PM	Common Lisp Tools	50

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
2225	Enhancement	New	Normal	Use sphinx.ext.ifconfig for version-dependent information in the manual		10/16/2017 09:23 PM	Documentation	0
2149	Enhancement	Feedback	Normal	Provide simple API to programmatically set preferred converters		10/16/2017 09:23 PM	C++	70
2066	Enhancement	Feedback	Normal	added WireSchemaFilter + FilterCombination		10/24/2014 04:13 PM	C++	90
2055	Enhancement	New	Normal	Extend documentation on using and writing converters in the manual		10/16/2017 09:23 PM	Documentation	0
2050	Enhancement	New	Normal	allow shallow data copy for converter arguments?		04/24/2015 05:38 PM	C++	0
2041	Enhancement	Feedback	Normal	merge URI spec into ParticipantConfig		04/24/2015 05:38 PM	C++	80
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
1556	Enhancement	New	Normal	Improve event type handling and converter selection		10/16/2017 09:23 PM	Java	0
1550	Enhancement	New	Normal	"Auto" mode of the socket transport should be smarter		04/17/2015 03:03 AM	Socket Transport	0
1548	Enhancement	New	Normal	Transports returned by ParticipantConfig::getTransports() should be mutable		10/16/2017 09:23 PM	C++	0
1516	Enhancement	New	Normal	Separate Converter selection strategies for sending and receiving		02/06/2014 05:32 PM	Specification	0
1515	Enhancement	New	Normal	Add data type to all participants, especially listeners		02/06/2014 05:32 PM	Specification	0
1500	Enhancement	New	Normal	Encode version in library name		05/17/2013 07:43 PM	Build System	0
1123	Enhancement	New	Normal	Improve documentation for debian package installation wrt spread transport		08/03/2012 12:56 PM		0
1083	Enhancement	In Progress	Normal	Implement communication with congestion control (for reader interface)		04/24/2015 05:38 PM	Protocol	10
1054	Enhancement	New	Normal	"auto" server mode is inefficient		04/17/2015 03:03 AM	Protocol	0
1023	Enhancement	In Progress	Normal	Add Transport class [C++]		10/16/2017 09:22 PM	C++	50
997	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	Enhancement	In Progress	Normal	bag record: Make status output more intuitive	J. Moringen	10/16/2017 09:22 PM	Commandline Tools	50
946	Enhancement	New	Normal	Make causes semantically identifiable		04/17/2015 03:09 AM		0
778	Enhancement	New	Normal	Move Figures to Top-Level Folder		12/22/2015 11:15 AM	Talks	0
647	Enhancement	New	Normal	Hierarchical Event Fusion		10/19/2011 03:57 PM		0
544	Enhancement	New	Normal	Check usage and reduce number of dynamic casts		09/05/2011 11:31 AM	Performance Optimization	0
478	Enhancement	In Progress	Normal	Refactor rsb.transport.converter Module		04/23/2015 11:24 AM	Python	30
380	Enhancement	New	Normal	Support URIs for Participant Configuration		04/24/2015 05:38 PM	Python	0
379	Enhancement	New	Normal	Support URIs for Participant Configuration	S. Wrede	04/24/2015 05:38 PM	Java	0
378	Enhancement	In Progress	Normal	Support URIs for Participant Configuration	R. Haschke	04/24/2015 05:38 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
286	Enhancement	In Progress	Normal	Introspectable Configuration Options [C++]	J. Moringen	10/16/2017 09:22 PM	C++	80
284	Enhancement	In Progress	Normal	Specify barricade strategy for passed arguments		05/16/2011 04:52 PM	C++	50
283	Enhancement	In Progress	Normal	Unify exception handling		02/27/2012 03:29 PM	C++	30
1483	Bug	New	Low	Common Lisp logger stumbles upon wrong / unknown config options	J. Moringen	04/24/2015 05:38 PM	Common Lisp Tools	0
1474	Bug	New	Low	rsb matlab interface not fully working with newest MATLAB versions (R2012b and R2013a)		03/26/2015 05:15 PM	Matlab	0
546	Bug	New	Low	Consider introduction of lock-free queues		03/15/2012 12:54 PM	Performance Optimization	0
2648	Feature	New	Low	Setters for TimesyncStrategy options		12/12/2018 03:10 PM	Timesync	0
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
1993	Feature	In Progress	Low	Rebuild introspection database when clock jumps	J. Moringen	10/16/2017 09:23 PM	Introspection	50
1922	Feature	New	Low	Include environment variables in introspection messages describing processes		04/24/2015 05:38 PM	Introspection	0

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
1767	Feature	Feedback	Low	Export default plugin folder		10/16/2017 09:23 PM	Configuration	50
1707	Feature	New	Low	Support Java as a client language		04/17/2015 03:05 AM	Java Client API	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
381	Feature	New	Low	Timestamp compatibilty to ROS and YARP		06/21/2011 07:43 PM	Specification	0
1709	Tasks	New	Low	Document Java client API		04/17/2015 03:05 AM	Documentation	0
1584	Tasks	New	Low	Prevent termination of BusServer when client connections exist		10/16/2017 09:23 PM	Socket Transport	0
1482	Tasks	In Progress	Low	Rename bag-merge -> bag-transform	J. Moringen	04/17/2015 03:03 AM	Commandline Tools	60
597	Tasks	New	Low	Evaluate whether we want to move to Github once Spread is extracted		03/14/2015 01:53 AM		0
331	Tasks	In Progress	Low	Generate and export API Documentation	J. Moringen	01/06/2012 06:05 PM	Common Lisp	20
1831	Enhancement	Feedback	Low	Provide introspection functionality as shared object (as opposed to plugin-only)?		10/16/2017 09:23 PM	Introspection	0
1818	Enhancement	New	Low	Change and/or enforce naming conventions in rsb-python		03/21/2014 05:08 PM	Python	0
1817	Enhancement	New	Low	Deliver binaries with pre-warmed PCL caches	J. Moringen	04/24/2015 05:35 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
1463	Enhancement	New	Low	Improve termination of python processes		10/16/2017 09:23 PM	Python	0
1236	Enhancement	New	Low	VERSION_SUFFIX should be configurable	J. Moringen	11/15/2012 03:39 PM	Build System	0
1114	Enhancement	New	Low	Create an in process example		07/30/2012 03:01 PM	C++ Tools	0
971	Enhancement	New	Low	Allow limiting recording time		10/16/2017 09:22 PM	Commandline Tools	0
648	Enhancement	New	Low	Ideas for Recording Data on a Resource-Constrained System		05/22/2013 11:27 AM		0
477	Enhancement	Feedback	Low	Test / Reconsider Distributed Logging		08/05/2011 06:38 PM		0
475	Enhancement	New	Low	Use RST IDL Type for Protocol Buffer Tutorials	S. Wrede	02/27/2012 03:15 PM		0