

	2024-4				2024-5				2024-6				2024-7				2024-8				2024-9							
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39		
<b>Automated Build Generator</b>	<b>Automated Build Generator</b>																											
Orchestration																												
Suffix "d0" appended to branch name																												
Add support for Xvfb Jenkins plugin																												
Automated Build Generator - 0.13	<b>Automated Build Generator -0.13 2%</b>																											
Specify variable values for all projects (...)	<b>New 0%</b>																											
Support repository authentication for (...)	<b>In Progress 10%</b>																											
Temporary project directories in /tmp (...)	<b>New 0%</b>																											
Generate redmine repository viewer into (...)	<b>New 0%</b>																											
Automated Build Generator - 1.0	<b>Automated Build Generator -1.0 30%</b>																											
Rename concepts according to toolkit (...)	<b>New 0%</b>																											
Analyse projects provided by respective (...)	<b>New 50%</b>																											
Analyse projects provided by Debian (...)	<b>In Progress 50%</b>																											
Represent parallelism constraints of (...)	<b>New 0%</b>																											
When running in interactive mode, offer (...)	<b>New 0%</b>																											
Automatically generate "Generate Distribution" (...)	<b>New 0%</b>																											
Stick versions as tarball	<b>New 0%</b>																											
Variables defined on cmdline or in distribution-context (...)	<b>Feedback 0%</b>																											
Automated Build Generator - 0.23																												
Bad Error Messages																												
<b>Benchmarking Environment</b>	<b>Benchmarking Environment</b>																											
Benchmark Baselines																												
Executing entire benchmark																												
Measure CPU time via callgrind																												
Valgrind as intrinsic execution engine (...)																												
Generate common benchmark output																												
Unit support																												
Parameters																												

<p>Export benchmark results in JMeter format  Examples should not be installed in \$prefix/bin</p> <p><b>Compliant Control Architecture</b></p> <p>TimedContainer / BeatContainer</p> <p>Component exception throwing is caught somewhere</p> <p>Rename class BaseComponent</p> <p>Check conceptual compatibility with DARC</p> <p>Extend CCA documentation</p> <ul style="list-style-type: none"> <li>Document port configuration</li> <li>using namespace boost; in Node.h</li> <li>provide a simple binary to start a remote (...)</li> </ul> <p>Add documentation about CCA lifecycle states</p> <p>CCA lifecycle - component stops it self twice</p> <p>Refactor component lifecycle</p> <p><b>Compliant Control Architecture - cca0.3</b></p> <ul style="list-style-type: none"> <li>Cannot use BaseComponents inprocess (...)</li> </ul> <p><b>Compliant Control Architecture - cca0.4</b></p> <ul style="list-style-type: none"> <li>Report error/throw exception if missing (...)</li> <li>Tests do not actually use configured (...)</li> <li>Strange behavior of ModerateProcessing, (...)</li> <li>Warn when port profile can't be found</li> </ul> <p><b>Compliant Control Architecture - cca0.5</b></p> <ul style="list-style-type: none"> <li>Timing for Control</li> <li>RTBeat</li> <li>ModerateProcessing for set of ports</li> <li>PortTriggered processing for set of (...)</li> <li>Type filter for input ports</li> <li>Ambiguous converter sets in cca Basecomponent (...)</li> <li>Handle buffer access for unconfigured (...)</li> <li>Enhance CCA component state 'PERSISTED' (...)</li> <li>Support tracing of events</li> <li>Detect and warn about too slow processing</li> <li>Weird component-crashes when wrong converter (...)</li> <li>Synchronization mechanism / barrier</li> </ul>	<p><b>Compliant Control Architecture</b></p>
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<p>Allow remote configuration of components</p> <p>Create unambiguous converter map for (...)</p> <p>Create dedicated converter maps for (...)</p> <p>More detailed printing of the cca input (...)</p> <p>Document new beat behavior</p> <p>Component start state not handled correctly</p> <p>suffix argument in cca-statechanger (...)</p> <p><b>Continuum Kinematics</b></p> <p>Build 'dev' as well as 'binary' Debian packages</p> <p>Create MacOS build job</p> <p>Examples should not be installed in \$prefix/bin</p> <p><b>CoR-Lab Tutorials</b></p> <p>Maybe extend description of prerequisites/installation (...)</p> <p>Extract existing installation instructions (...)</p> <p>Turn collected descriptions into templates</p> <p>Remove spread dependencies from the vision (...)</p> <p>Add instructions on how to use the provided (...)</p> <p>Update python and cpp projects to work with (...)</p> <p>Pimp the Sphinx section display</p> <p>Remove mark-start:: and mark-end:: in compressed (...)</p> <p>Write (draft of) one-page introduction to (...)</p> <p><b>Robotics Service Bus - rsb-1.0</b></p> <p>Pre-packaged installation tutorial</p> <p><b>NAO Coordination</b></p> <p>Language Engineering - Language Refactoring</p> <p>Migrate to MPS3.4 and tag master branch</p> <p><b>plantUML DSL</b></p> <p>Include comments</p> <p>Language Engineering - Language Refactoring</p> <p>Composite state transitions are displayed (...)</p> <p>Show Composite/Parallel state initial (...)</p> <p><b>Visualization</b></p> <p>[BREAKPOINTS] Distinguish between snapping (...)</p> <p>[Snapping] does not seem to properly work (...)</p>	<p><b>Continuum Kinematics</b></p> <p><b>CoR-Lab Tutorials</b></p> <p><b>Robotics Service Bus -rsb-1.0 16%</b></p> <p><b>New 73%</b></p> <p><b>NAO Coordination</b></p> <p><b>Language Engineering -Language Refactoring 55%</b></p> <p><b>New 0%</b></p> <p><b>plantUML DSL</b></p> <p><b>Language Engineering -Language Refactoring 55%</b></p> <p><b>New 0%</b></p> <p><b>Feedback 50%</b></p> <p><b>Visualization</b></p>
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<p>Create packages for documentation</p> <p>Create Debian packages for rsb-python, (...)</p> <p>Create lib*, *-dev and *-bin packages (...)</p> <p>Create Debian package for rsb-java</p> <p>Fix rstconverters packaging</p> <p><b>Robot Control Interface</b></p> <p>Orientation interface methods for euler angles (...)</p> <p>rci::Orientation-&gt;asRotationMatrix() crashes (...)</p> <p>RCI::Orientation should be represented as (...)</p> <p>Implement Weights type</p> <p><b>Robot Control Interface - rci0.4</b></p> <p>Modelisation of Wrench seems wrong</p> <p>call to implicitly-deleted copy constructor (...)</p> <p>Release rci 0.4</p> <p><b>Robot Control Interface - rci0.5</b></p> <p>Check on making constructors protected/private (...)</p> <p>Rethink shared pointers</p> <p>Provide pose interpolation</p> <p>NaN when converting in singularities</p> <p>Use sphinx' citation feature in manual</p> <p>rci::Orientation: Check given matrix (...)</p> <p>debian package should confirm more strongly (...)</p> <p>RCI is getting messed up with Torques, (...)</p> <p>Calculate scalar angle between orientations</p> <p><b>Robotics Service Bus</b></p> <p>Add Conditional Parsing for User Data in (...)</p> <p>State model/checking for modifications on (...)</p> <p>Unify exception handling</p> <p>Specify barricade strategy for passed arguments</p> <p>Support QoS in Spread connector</p> <p>Generate and export API Documentation</p> <p>Timestamp compatilby to ROS and YARP</p> <p>Use RST IDL Type for Protocol Buffer Tutorials</p> <p>Test / Reconsider Distributed Logging</p>	<p><b>New 0%</b></p> <p><b>New 30%</b></p> <p><b>New 0%</b></p> <p><b>New 0%</b></p> <p><b>New 0%</b></p> <p><b>Robot Control Interface</b></p> <p><b>Robotics Service Bus</b></p>
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<p>Check usage and reduce number of dynamic (...)</p> <p>Consider introduction of lock-free queues</p> <p>Hierarchical Event Fusion</p> <p>Ideas for Recording Data on a Resource-Constrained (...)</p> <p>rsb-java does not shutdown properly if a (...)</p> <p>Create an in process example</p> <p>Allow regex-based converter selection for (...)</p> <p>Move Figures to Top-Level Folder</p> <p>Improve documentation for debian package (...)</p> <p>VERSION_SUFFIX should be configurable</p> <p>Socket transport in Python silently drops (...)</p> <p>Matlab Installation Doc</p> <p>Better handling of dependencies without pc (...)</p> <p>rsb matlab interface not fully working with (...)</p> <p>Encode version in library name</p> <p>pkg-config test fails in integration test</p> <p>Support common installations (to simplify (...)</p> <p>Allow (optional) parallel method calls</p> <p>added WireSchemaFilter + FilterCombination</p> <p>Compilation of RSB Tools fails on MacOS 10.10</p> <p>Setters for TimesyncStrategy options</p> <p>Uniformed path for System-Config in Windows</p> <p>Robotics Service Bus - rsb-0.18</p> <p>    Introspectable Configuration Options (...)</p> <p>    Introspectable Configuration Options (...)</p> <p>    Introspectable Configuration Options (...)</p> <p>    C++ Spread: Transport-level errors are (...)</p> <p>    Revise Converter Selection Mechanism</p> <p>    Move Spread Transport into separate (...)</p> <p>    Document Connector Extension Point</p> <p>    Converters for Fundamental Types are (...)</p> <p>    Data handlers cannot deal with unexpected (...)</p> <p>    Implement ErrorHandler subsystem in (...)</p> <p>    Add Transport class [C++]</p>	<p>Robotics Service Bus -rsb-0.18 30%</p> <p>In Progress 80%</p> <p>In Progress 50%</p> <p>In Progress 50%</p> <p>New 20%</p> <p>New 100%</p> <p>In Progress 60%</p> <p>New 0%</p> <p>In Progress 80%</p> <p>New 0%</p> <p>New 0%</p> <p>In Progress 50%</p>
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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 (programmatically (...))	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	Robotics Service Bus -rsb-1.0 16%
Implement Distributed Namensservice	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	Robotics Service Bus -rsb-0.18 30%
Add a plugin which registers the (...)	Feedback 50%
RSBag	RSBag
Robotics Service Bus - rsb-0.18	Robotics Service Bus -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	Robotics Service Bus -rsb-1.0 16%

<p>Verify Elan backend</p> <p>Use data type definitions stored (...)</p> <p>Rename bag-merge -&gt; bag-transform</p> <p>Support C++ as a client language</p> <p>Support Java as a client language</p> <p>Document C++ client API</p> <p>Document Java client API</p> <p>Add TYPE block to TIDELog backend</p> <p>Add META block to TIDELog backend</p> <p><b>Robotics Systems Commons</b></p> <p>Improve cancellation of Tasks in the delay (...)</p> <p>Add a TaskExecutor implementation for many (...)</p> <p>Do not set EXTERNAL_INCLUDE_COMMANDS in rsc/rst.pc.in (...)</p> <p>Fix debian packaging to conform more strongly (...)</p> <p>Clarify configuration, when different rsx (...)</p> <p>Document logging system configuration</p> <p>Move printing of property values into separate (...)</p> <p>Under windows rsc::misc timestamps are in (...)</p> <p>synchronized priority_queue</p> <p><b>Robotics Service Bus - rsb-0.18</b></p> <p>improve logging system to nicely play (...)</p> <p>Include SIGHUP in signal handling code</p> <p><b>Robotics Service Bus - rsb-1.0</b></p> <p>Make windows subprocess test meaningful</p> <p>Logger-Tree in LoggerFactory is not (...)</p> <p>simplify clumsy usage of DebugTools</p> <p><b>Robotics Systems Types</b></p> <p>Specify color modes in rst.vision.Image more (...)</p> <p>Extract Joint Mapping Information from JointState.proto (...)</p> <p>Review and merge RST changes of ISY lecture</p> <p>Integrate homeautomation types</p> <p>Collect all necessary types for home (...)</p> <p>Wrong RST version used in python when building (...)</p> <p><b>Robotics Service Bus - rsb-0.18</b></p>	<p><b>New 0%</b></p> <p><b>In Progress 30%</b></p> <p><b>In Progress 60%</b></p> <p><b>In Progress 50%</b></p> <p><b>New 0%</b></p> <p><b>New 0%</b></p> <p><b>New 0%</b></p> <p><b>In Progress 20%</b></p> <p><b>In Progress 20%</b></p> <p><b>Robotics Systems Commons</b></p> <p><b>Robotics Service Bus -rsb-0.18 30%</b></p> <p><b>Feedback 50%</b></p> <p><b>New 0%</b></p> <p><b>Robotics Service Bus -rsb-1.0 16%</b></p> <p><b>New 0%</b></p> <p><b>New 0%</b></p> <p><b>In Progress 90%</b></p> <p><b>Robotics Systems Types</b></p> <p><b>Robotics Service Bus -rsb-0.18 30%</b></p>
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RST manual (ab)uses Sphinx' Python domain (...)	Feedback 0%
Reorganize directories to allow foreign (...)	In Progress 0%
Highlight distinction between stable (...)	In Progress 80%
Allow explicit selection of built converters	Feedback 30%
Document Windows Installation from Source (...)	New 0%
Wrong message URLs in sandbox package (...)	New 0%
Please document usage of RST with RSB	New 0%
Separate libraries for protocol buffer (...)	In Progress 30%
Add "Corenlp Dependency Tree" to SpeechHypothesis	Feedback 0%
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Make revisions for each IDL file available (...)	Feedback 0%
Use rosetta for code generation	In Progress 20%
Rosetta Stone Project	Rosetta Stone Project
Code generation does not handle composite (...)	
Support non-inline operations	
Rosetta Stone Project - rosetta-0.4	
Create working version of integrationtest	
Support variable-width integer types	
Install CMake macros and configuration (...)	
Migrate test suites from lift to fiveam	
RSB Benchmarking	RSB Benchmarking
Validate Benchmarking Setup	
Full Automatization of Benchmarking Setup	
RSB Bridge	RSB Bridge
Write some wiki documentation	New 0%
Find some proper license	New 60%
RSB Coordinate Transform	RSB Coordinate Transform
Merge RCT from the github repositories	
Move internal transform type to RST	
Create transformation type which holds multiple (...)	
Eliminate ROS dependency	
Eliminate timestamp field in the Transformation (...)	
Fix performance issues	
rct requests and current system time	



<p><b>Refactoring of rsb-cv</b></p> <ul style="list-style-type: none"> <li>Refactor existing applications according (...)</li> <li>Add CMake check if qt backend is available</li> <li>Debian package depends on librst\${VERSION_MAJOR}.\${VERSION_MINOR}</li> <li>Disambiguate IpImage Converter in VideoReceiver</li> <li>Videoreceiver in FaceDetection mode deadlocks (...)</li> <li>Add command line option for rsb_videosender (...)</li> <li>Save received images to disk</li> <li>Robotics Service Bus - rsb-1.0 <ul style="list-style-type: none"> <li>Integrate (GPU-enabled) face detector</li> </ul> </li> </ul> <p><b>RSB SCXML Engine</b></p> <ul style="list-style-type: none"> <li>Remove waiting loop</li> <li>Support RSBS built-in datatypes in converter (...)</li> <li>Implement custom action for RPC calls</li> <li>Unable to create Listener with basic type</li> <li>&lt;rsb:wait&gt; - Tag does not seem to be registered (...)</li> <li>Engine has direct protobuf dependencies</li> <li>repository for patched commons-scxml</li> <li>State machine doesn't publish transition (...)</li> <li>Create parser for RST types</li> <li>Use reflections for nested RST types</li> </ul> <p><b>RSB Sphinx Integration</b></p> <ul style="list-style-type: none"> <li>RSB Sphinx Integration - Backwards-compatible (...)</li> <li>Create an initial maven project that (...)</li> <li>Publish results in Esmeralda XML format</li> <li>Provide access to esmeralda source code (...)</li> </ul> <p><b>RSB Video Writer</b></p> <ul style="list-style-type: none"> <li>Block signals when closing the video writer</li> <li>Improve encoding quality and speed of default (...)</li> </ul> <p><b>vdemo</b></p> <ul style="list-style-type: none"> <li>Selectable success mode</li> <li>vdemo perturbed by bashrc print-outs</li> <li>check status with other modality than color</li> </ul>	<p><b>Robotics Service Bus -rsb-1.0 16%</b></p> <p><b>In Progress 50%</b></p> <p><b>RSB SCXML Engine</b></p> <p><b>RSB Sphinx Integration</b></p> <p><b>RSB Video Writer</b></p> <p><b>vdemo</b></p>
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