	2024-7		Τ	2024-8			2024-9				2024-10				2024-11				2024-12				
	27 28	29 30				4 35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Automated Build Generator	Auto	mated B	uild	Gene	rator	•						•		•							•		•
Orchestration																							
Suffix "d0" appended to branch name																							
Add support for Xvfb Jenkins plugin	A 1 .			0		10.00																	
Automated Build Generator - 0.13		mated B	sulla	Gene	rator -u.	13 2%	•																
Specify variable values for all projects ()	New	• / •	0.00/																				
Support repository authentication for ()		ogress 1	10%																				
Temporary project directories in /tmp ()	New																						
Generate redmine repository viewer into ()	New	• / •		0																			
Automated Build Generator - 1.0		mated B	sulla	Gene	rator -1.	0 30%	•																
Rename concepts according to toolkit ()	New																						
Analyse projects provided by respective ()	New		-00/																				
Analyse projects provided by Debian ()	IN Pr New	ogress 5	00%																				
Represent parallelism constraints of ()		• / •																					
When running in interactive mode, offer ()	New New	• / •																					
Automatically generate "Generate Distribution" (New																						
Stick versions as tarball		• • •	,																				
Variables defined on cmdline or in distribution-con	ext ^{eed}		0																				
Automated Build Generator - 0.23																							
Bad Error Messages	Done	h m o v k i v	E.		mont																		
Benchmarking Environment	Denc	chmarkir	ig Ei	iviron	ment																		
Benchmark Baselines																							
Executing entire benchmark																							
Measure CPU time via callgrind																							
Valgrind as intrinsic execution engine ()																							
Generate common benchmark output																							
Unit support																							
Parameters																							

Export benchmark results in JMeter format	
Examples should not be installed in \$prefix/bin	
Compliant Control Architecture	Compliant Control Architecture
TimedContainer / BeatContainer	
Component exception throwing is catched somewhe	e
Rename class BaseComponent	
Check conceptual compatibility with DARC	
Extend CCA documentation	
Document port configuration	
using namespace boost; in Node.h	
provide a simple binary to start a remote ()	
Add documentation about CCA lifecycle states	
CCA lifecycle - component stops it self twice	
Refactor component lifecycle	
Compliant Control Architecture - cca0.3	
Cannot use BaseComponents inprocess ()	
Compliant Control Architecture - cca0.4	
Report error/throw exception if missing ()	
Tests do not actually use configured ()	
Strange behavior of ModerateProcessing, ()	
Warn when port profile can't be found	
Compliant Control Architecture - cca0.5	
Timing for Control	
RTBeat	
ModerateProcessing for set of ports	
PortTriggered processing for set of ()	
Type filter for input ports	
Ambiguous converter sets in cca Basecomponent	()
Handle buffer access for unconfigured ()	
Enhance CCA component state 'PERSISTED' ()	
Support tracing of events	
Detect and warn about too slow processing	
Weird component-crashes when wrong converter	()
Synchronization mechanism / barrier	

Allow remote configuration of components	
Create unambigious converter map for ()	
Create dedicated converter maps for ()	
More detailed printing of the cca input ()	
Document new beat behavior	
Component start state not handled correctly	
suffix argument in cca-statechanger ()	
Continuum Kinematics	Continuum Kinematics
Build 'dev' as well as 'binary' Debian packages	
Create MacOS build job	
Examples should not be installed in \$prefix/bin	
CoR-Lab Tutorials	CoR-Lab Tutorials
Maybe extend description of prerequisites/installatio	n ()
Extract existing installation instructions ()	
Turn collected descriptions into templates	
Remove spread dependencies from the vision ()	
Add instructions on how to use the provided ()	
Update python and cpp projects to work with ()	
Pimp the Sphinx section display	
Remove mark-start:: and mark-end:: in compressed	()
Write (draft of) one-page introduction to ()	
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Pre-packaged installation tutorial	New 73%
NAO Coordination	NAO Coordination
Language Engineering - Language Refactoring	Language Engineering -Language Refactoring 55%
Migrate to MPS3.4 and tag master branch	
plantUML DSL	plantUML DSL
Include comments	Received and the Received Brite to FER
Language Engineering - Language Refactoring	Language Engineering -Language Refactoring 55%
Composite state transitions are displayed ()	
Show Composite/Parallel state initial ()	Feedback 50%
Visualization	Visualization
[BREAKPOINTS] Distinguish between snapping ()	
[Snapping] does not seem to properly work ()	

NemoMath	NemoMath
Licensing	
Handle Eigen3 / Eigen2 dependency in debian ()	
Allow different installation of boost in ()	
NemoMath0.4 debian packages does not mark ()	
NemoMath - NemoMath 0.4	
Findeigen3.cmake seems broken	
Using MatrixMath.h and Eigen3	
Use eigen pkg-config files as dependency ()	
NemoMath - NemoMath 0.5	
Expression Templates for MathVector ()	
rvalue support with GCC<=4.3	
Code Coverage stats	
Check debian packages	
Continuous valgrind checks	
Provide efficient 'swap' implementations ()	
Declare all funcions with throw() suffixes	
Support type-changing numeric operations ()	
Check use of pre-compiled headers	
Check mapping API for compatibility ()	
Provide SlidingWindow implementation	
Write Benchmarks for Vector algebra ()	
Write Benchmarks for Matrix and Matrix-Vector (.)
Repair option NO_GCC_ADL_WORKAROUND	
Explore use of adaptive rvalue/lvalue ()	
Improve Error Messages in Matrix/Vector	
Provide Collection Interfaces for Matrices' ()	
Switch to Eigen3	De alex via a
Packaging	Packaging
Comply to Debian Policy Manual	
Check 'vagrant' for building release VMs	
Delayed package upload	Debetice Convice Rue, reb 1.0.16%
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Think about wrapper script or extension ()	New 50%

Create packages for documentation Create Debian packages for rsb-python, () Create lib*, *-dev and *-bin packages () Create Debian package for rsb-java Fix rstconverters packaging Robot Control Interface Orientation interface methods for euler angles () rci::Orientation->asRotationMatrix() crashes () RCI::Orientation should be represented as () Implement Weights type Robot Control Interface - rci0.4 Modelisation of Wrench seems wrong call to implicitly-deleted copy constructor () Release rci 0.4 Robot Control Interface - rci0.5 Check on making constructors protected/private Rethink shared pointers Provide pose interpolation NaN when converting in singularities Use sphinx' citation feature in manual rci::Orientation: Check given matrix () debian package should confirm more strongly (. RCI is getting messed up with Torques, () Calculate scalar angle between orientations 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 compatibility to ROS and YARP Use RST IDL Type for Protocol Buffer Tutorials Test / Reconsider Distributed Logging	
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<u> </u>	
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	
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	Robotics Service Bus -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 every bendling cubeveters	New 0%
Implement error handling subsystem	In Progress 30%
Implement error handling subsystem	In Progress 50%
Specify disconnect protocol for socket ()	Feedback 0%
Allow checking if handlers are registered ()	In Progress 20%
Document programmatic configuration ()	-
Really support wire-types other than ()	New 0%
Use better wire-type for binary blobs	
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::getTrar	
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%
-	Feedback 50%
Export default plugin folder	In Progress 30%
Highlight interesting things in logger/bag-cat ()	In Progress 60%
Add commandline options to exclude scopes ()	In Progress 10%
Add intermediate results to request-reply ()	New 16%
Finalize introspection implementation	Feedback 0%
Provide introspection functionality ()	In Progress 60%
Enable introspection senders by ()	In Progress 50%
Rebuild introspection database ()	In Progress 70%
Reference documentation in error reports	

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	() Progress 20%
Ť	() Vew 0%
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 ()	Feedback 70%
Provide simple API to programmatically ()	New 0%
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	In Progress 60%
Wait for confirmation when joining Spread ()	New 0%
Wait for confirmation when joining ()	New 0%
Wait for confirmation when joining ()	New 0%
Unexpected Exception about introspection	In Progress 50%
Graph for introspection web interface	New 0%
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 ()	
In addition to DISPLAY_NAME, the introspection (.	New 0%
CL tools sometimes fail to connect to ()	In Progress 90%
Release version 0.18	New 0%
Introspection Bugs	Robotics Service Bus -rsb-1.0 16%
Robotics Service Bus - rsb-1.0	Feedback 0%
Implement Distributed Namingservice	New 0%
Pull-style Event Receiving	
Pull-style Event Receiving	New 0% New 0%
Support URIs for Participant Configuration	
Support URIs for Participant Configuration	New 0%

	In Progress 50%
Interaction with Foreign Nameservice	New 0%
Handling of sendTime in Informer	
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 Iparallel futures if possible	In Progress 30%
	New 0%
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 ()	

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%

Verify Elan backend	New 0%
	In Progress 30%
Use data type definitions stored ()	In Progress 60%
Rename bag-merge -> bag-transform	In Progress 50%
Support C++ as a client language	New 0%
Support Java as a client language	New 0%
Document C++ client API	New 0%
Document Java client API	In Progress 20%
Add TYPE block to TIDELog backend	In Progress 20%
Add META block to TIDELog backend	Robotics Systems Commons
Robotics Systems Commons	
Improve cancellation of Tasks in the delay ()	
Add a TaskExecutor implementation for many ()	
Do not set EXTERNAL_INCLUDE_COMMANDS in rsc	rst.pc.in ()
Fix debian packaging to conform more strongly ()	
Clarify configuration, when different rsx ()	
Document logging system configuration	
Move printing of property values into separate ()	
Under windows rsc::misc timestamps are in ()	
synchronized priority_queue	
Robotics Service Bus - rsb-0.18	Robotics Service Bus -rsb-0.18 30%
improve logging system to nicely play ()	Feedback 50%
Include SIGHUP in signal handling code	New 0%
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Make windows subprocess test meaningful	New 0%
Logger-Tree in LoggerFactory is not ()	New 0%
simplify clumsy usage of DebugTools	In Progress 90%
Robotics Systems Types	Robotics Systems Types
Specify color modes in rst.vision.Image more ()	
Extract Joint Mapping Information from JointState.pr	oto ()
Review and merge RST changes of ISY lecture	
Integrate homeautomation types	
Collect all necessary types for home ()	
Wrong RST version used in python when building (
Robotics Service Bus - rsb-0.18	Robotics Service Bus -rsb-0.18 30%

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 "Corenip Dependency Tree" to SpeechHypoti	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	
ist isqueete and eartent system time	

RSB Depth Sensor Support	RSB Depth Sensor Support
Debian package	
Initial version of Kinect 2 SDK Plugin	
Color/Depth/Infrared and Skeleton Grabbing	
Point Cloud Grabbing	
Face Grabbing	
Configurable Grabber	
Configurable Grabber - CLI	
Configurable Grabber - RPC	
Timeouts using the RPC interface	
Allow TypedStreams to generate a std::map <std::stri< td=""><td>ng, ()</td></std::stri<>	ng, ()
Add class for synchronization to library	
RSB GStreamer Integration	RSB GStreamer Integration
Think about current lifecycle	
More than two channels cannot be processed	
Expose RSB configuration options as GObject ()	
Support at least one additional YUV color ()	
rsbvideosink in conjunction with plugin tee ()	
Create a manual	
Fails on ambiguous .rst.vision.Image converter ()	
Enable zeroes output of rsbaudiosrc for pauses ()	
create timestamps in videosink are wrong	
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Port to GStreamer 1.x	In Progress 90%
RSB iceWing Plugins	RSB iceWing Plugins
Switch to rsb-xml API for XML import and ()	
RSB OpenCV	RSB OpenCV
Provide Tide Files for Easier Testing of ()	
Separate CMakeFile for Packaging	
Switch to new C++ OpenCV API	
Change configuration to rsc config cascade ()	
Videoreceiver stops updating if no face events ()	
Extract face listener to FaceProvider class	
Implement ROIExtractor	

Refactoring of rsb-cv	
Refactor existing applications according ()	
Add CMake check if qt backend is available	
Debian package depends on librst\${VERSION_MAJOR	}.\${VERSION_MINOR}
Disambiguate IpIImage Converter in VideoReceiver	
Videoreceiver in FaceDetection mode deadlocks ()	
Add command line option for rsb_videosender ()	
Save received images to disk	
Robotics Service Bus - rsb-1.0	Robotics Service Bus -rsb-1.0 16%
Integrate (GPU-enabled) face detector	In Progress 50%
RSB SCXML Engine	RSB SCXML Engine
Remove waiting loop	
Support RSBs built-in datatypes in converter ()	
Implement custom action for RPC calls	
Unable to create Listener with basic type	
<rsb:wait> - Tag does not seem to be registered ()</rsb:wait>	
Engine has direct protobuf dependencies	
repository for patched commons-scxml	
State machine doesn't publish transition ()	
Create parser for RST types	
Use reflections for nested RST types	
RSB Sphinx Integration	RSB Sphinx Integration
RSB Sphinx Integration - Backwards-compatible ()	
Create an initial maven project that ()	
Publish results in Esmeralda XML format	
Provide access to esmeralda source code ()	
RSB Video Writer	RSB Video Writer
Block signals when closing the video writer	
Improve encoding quality and speed of default ()	
vdemo	vdemo
Selectable success mode	
vdemo perturbed by bashrc print-outs	
check status with other modality than color	