

Robotics Service Bus - Feature #2555

Allow easy debugging of RSB configuration

06/06/2016 12:12 AM - J. Moringen

Status:	In Progress	Start date:	04/04/2013
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	90%
Category:	Configuration	Estimated time:	0.00 hour
Target version:	rsb-0.18		
Description With RSB configuration, it is sometimes hard to debug issues or even understand what is going on exactly. One way would be an appropriate logging configuration, but not an <i>easy</i> way: <ul style="list-style-type: none">- Requires knowledge about logger hierarchy (i.e. something like export RSB_RSC_LOGGING_RSC_CONFIG=ALL)- Requires modifying the configuration which may interfere with the issue being debugged- Requires sifting through tons of output and figuring out what is going on- Depends on the RSB implementation A better solution might be <ul style="list-style-type: none">- Set an environment variable __CONFIG_DEBUG- Process it outside the configuration system (as to not interfere)- The output should be minimal (as to not require searching for the relevant information)			
Subtasks: Feature # 2556: Allow easy debugging of RSB configuration [C++] Tasks # 1458: Implement configuration inspector tool Feature # 2569: Allow easy debugging of RSB configuration [Python] Feature # 2570: Allow easy debugging of RSB configuration [Java] Feature # 2571: Allow easy debugging of RSB configuration [Common Lisp]			
			Resolved
			In Progress
			Resolved
			Resolved
			Resolved

Associated revisions

Revision 3ea7f7ad - 06/14/2016 12:32 PM - J. Moringen

Config debug in {common-command-line-options,specification-config,troubleshooting,news}.rst

refs #2555, refs #2556

- common-command-line-options.rst (Configuration Debugging): new section; describe __CONFIG_DEBUG environment variable
- specification-config.rst (Configuration Debugging): new section; describe configuration debugging tools
- troubleshooting.rst (Configuration Problems): new section; suggest configuration debugging tools to solve configuration problems
- news.rst (RSB 0.14): reference configuration debugging section

Revision 7817e495 - 06/14/2016 12:34 PM - J. Moringen

Backport: Config debug in {common-command-line-options,specification-config,troubleshooting,news}.rst

refs #2555, refs #2556

- common-command-line-options.rst (Configuration Debugging): new section; describe __CONFIG_DEBUG environment variable

- specification-config.rst (Configuration Debugging): new section; describe configuration debugging tools
- troubleshooting.rst (Configuration Problems): new section; suggest configuration debugging tools to solve configuration problems
- news.rst (RSB 0.14): reference configuration debugging section

(cherry picked from commit 3ea7f7ad1af7030cb5e3675ea827f74d140a6712)

Revision 148bb0f1 - 09/28/2016 01:14 PM - J. Moringen

Updated configuration debugging description in *.rst

refs #2555

- common-command-line-options.rst (Common Environment Variables): changed variable name {__ -> RSB_}CONFIG_DEBUG
- specification-config.rst (Configuration Debugging): likewise; updated example output
- news.rst (RSB 0.14): do not try to parse _CONFIG_DEBUG as an envvar reference

Revision ac8bcc11 - 09/28/2016 01:16 PM - J. Moringen

Mention config debugging support in all implementations in news.rst

refs #2555

- troubleshooting.rst (Configuration Problems): applies to all implementations
- news.rst (RSB 0.15): mention configuration debugging support in all implementations, C++ already had it

History

#1 - 06/08/2016 09:01 PM - J. Moringen

- Target version changed from rsb-0.14 to rsb-0.15

#2 - 09/28/2016 11:57 AM - J. Moringen

- Assignee set to J. Moringen

#3 - 09/28/2016 01:03 PM - J. Moringen

- Status changed from New to In Progress

#4 - 09/28/2016 02:19 PM - J. Moringen

- Target version changed from rsb-0.15 to rsb-0.16

#5 - 04/10/2017 08:59 PM - J. Moringen

- Target version changed from rsb-0.16 to rsb-0.17

#6 - 10/16/2017 09:23 PM - J. Moringen

- Target version changed from rsb-0.17 to rsb-0.18

