

Robotics Service Bus - Feature #2158

Allow better control of file-based configuration

01/14/2015 02:28 PM - Anonymous

Status:	Resolved	Start date:	06/17/2016
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	Configuration	Estimated time:	0.00 hour
Target version:	rsb-0.15		
Description			
<p>RSB Configuration currently loads config files from three different places (system config from PREFIX/etc/rsb.conf, user config from ~/.config/rsb.conf, and current directory config from \$(pwd)/rsb.conf). This is a reasonable default, but might be inefficient or even unfitting in some cases. For example:</p> <ol style="list-style-type: none">1. When users have an install prefix /vol/mysystem for their system, but use rsb from another place (often /vol/toolkit/... in our case), the above file-based configuration won't load configuration from the system prefix /vol/mysystem/etc, but the rsb prefix (/vol/toolkit/.../etc/) instead, which does not allow system-specific configuration as intended.2. I might not have control (e.g. write permissions) over the system config, but might not want to overwrite every unwanted option of the system config in my user config. <p>So for this, I suggest to introduce an environment variable, that allows you to better control the file-based configuration, for example by</p> <ul style="list-style-type: none">- adding pathes or- inhibit default pathes (#1716) <p>Maybe similar to how I configure unix PATH or LD_LIBRARY_PATH variables.</p>			
Subtasks:			
Feature # 2565: Configurable list of configuration files [Python]			Resolved
Feature # 2566: Configurable list of configuration files [C++]			Resolved
Feature # 2567: Configurable list of configuration files [Java]			Resolved
Feature # 2568: Configurable list of configuration files [Common Lisp]			Resolved
Related issues:			
Related to Robotics Service Bus - Feature # 1716: Add an environment variable...			Closed 01/07/2014

Associated revisions

Revision ee2d06aa - 09/28/2016 02:06 PM - J. Moringen

Added description of RSB_CONFIG_FILES in *.rst

refs #2158

- specification-config.rst (Non-default Configuration File Cascade): new section; describes RSB_CONFIG_FILES
- common-command-line-options.rst (Common Environment Variables): added RSB_CONFIG_FILES
- news.rst (RSB 0.15): mention RSB_CONFIG_FILES

History

#1 - 01/14/2015 02:28 PM - Anonymous

- Related to Feature #1716: Add an environment variable which inhibits file-based configuration added

#2 - 01/14/2015 03:11 PM - C. Emmerich

+1

#3 - 06/09/2016 01:46 PM - J. Moringen

- *Target version set to rsb-0.15*

#4 - 07/27/2016 01:28 PM - J. Moringen

- *Status changed from Feedback to In Progress*

#5 - 09/28/2016 11:57 AM - J. Moringen

- *Assignee set to J. Moringen*

#6 - 09/28/2016 01:03 PM - J. Moringen

- *Status changed from In Progress to Resolved*