

Robotics Service Bus - Bug #1398

System configuration files are expected in /etc/ instead of \$prefix/etc

02/05/2013 07:45 PM - J. Moringen

Status:	Resolved	Start date:	02/05/2013
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	C++	Estimated time:	0.00 hour
Target version:	rsb-0.9		
Description			

Associated revisions

Revision 3b43b511 - 04/10/2013 12:00 AM - J. Moringen

Use install prefix to find configuration file in src/rsb/Factory.cpp

fixes #1398

Based on patch by Johannes Wienke.

- src/rsb/Factory.cpp: updated copyright; pass result of installPrefix() to rsc::config::configure
- src/rsb/Version.{h,cpp}.in: added function installPrefix

History

#1 - 03/04/2013 06:23 PM - J. Wienke

- Status changed from New to In Progress
- Assignee set to J. Wienke

#2 - 03/04/2013 07:04 PM - J. Wienke

Jan, there is an implementation in the feature branch. Can you have a look whether that solves the problem?

#3 - 03/04/2013 07:14 PM - J. Moringen

One of the three configure calls in Factory::Factory() does not use the prefix. Is this intentional?

#4 - 03/05/2013 08:55 AM - J. Wienke

- % Done changed from 0 to 80

No, fixed in branch. I will also modify the documentation accordingly. Is it ok then?

#5 - 03/05/2013 09:34 AM - J. Wienke

Can you please have a look at the documentation in the feature branch. This was kind of hard to modify the graph correctly.

#6 - 03/05/2013 08:07 PM - J. Moringen

- Status changed from *In Progress* to *Feedback*

I initially misread the change. Also, I cannot find a version of `rsc::config::configure` which accepts a prefix as final parameter. Did you not yet push it into the `project:rsc` repository?

Looking at the documentation change (and studying the `rsb::Factory` change more carefully), I'm afraid, I had a different solution in mind. Your proposed solution would process `/etc/FILENAME` as well as `PREFIX/etc/FILENAME`, right?

My complaint in this issue is that `PREFIX/etc/FILENAME` should be processed **instead of** `/etc/FILENAME`. Maybe we can make the prefix parameter in `rsc::config::configure` optional and add an optional prefix parameter to `rsc::config::systemConfigDirectory` as well. When no prefix is provided, `rsc::config::systemConfigDirectory` could use RSC's `CMAKE_INSTALL_PREFIX` instead of `/etc/`. `rsb::Factory` could call `rsc::config::configure` with RSB's prefix in case the two libraries are installed in different prefixes.

What do you think?

#7 - 03/06/2013 09:49 AM - J. Wienke

Sorry, the RSC changes are pushed now.

Actually I understand the immediate reaction, but when implementing this I didn't see any drawbacks of also using the general file in `/etc/`. It would be inconsistent to ignore the file in the installation prefix, but I don't see why it is inconsistent to also use the *global* configuration file. E.g. if someone switches from a debian package to a manually installed version for using some custom modifications, no changes would be necessary to continue with the old configuration he set up with this solutions. Do you see a real problem in also parsing the global config file?

#8 - 04/10/2013 12:08 AM - J. Moringen

- Status changed from *Feedback* to *Resolved*

- % Done changed from 80 to 100

Applied in changeset `rsb-cpp|commit:3b43b5110e1641f6a56be62175d7085adb168c74`.