

Robotics Service Bus - Feature #1012

Change default configuration to enable only socket transport

06/20/2012 06:29 PM - S. Wrede

Status:	Resolved	Start date:	06/20/2012
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	Protocol	Estimated time:	0.00 hour
Target version:	rsb-0.9		

Description

For ease-of-use and simple testdriving of RSB, we should by default enable both the in-process as well as the socket transport and disable Spread. This is reasonable as the usecase of distributing nodes over various machines across the network is less probable in the beginning. Phrased differently:

Simple things should be simple, complex things should be possible. (C) A. Kay

Furthermore, this will ease distribution as Spread is a blocker in terms of configuration and source availability. For instance in the AMARSi project that will allow us to ship the Oncilla Simulator without all the Spread overhead.

- C++
- Java
- Python
- Common Lisp

Related issues:

Related to Robotics Service Bus - Feature # 712: Implement socket-based trans...	Resolved	11/10/2011
Related to Robotics Service Bus - Feature # 713: Implement socket-based trans...	Resolved	07/06/2012
Related to Robotics Service Bus - Tasks # 392: Multi-Connector Setups lead to...	In Progress	06/24/2011
Related to Robotics Service Bus - Bug # 1032: Error if multiple transports ar...	Resolved	06/25/2012

Associated revisions

Revision 8e8ddc28 - 07/03/2012 04:12 PM - J. Moringen

Enable socket transport in src/rsb/Factory.cpp

refs #1012

- src/rsb/Factory.cpp: enable socket transport by default; if there is one transport, enable it unconditionally

Revision cce487a9 - 07/03/2012 05:06 PM - J. Moringen

Fixed for r3697 in src/rsb/Factory.cpp

refs #1012

- src/rsb/Factory.cpp: fixed error in Factory constructor

Revision c5d54fa7 - 07/26/2013 09:20 AM - J. Wienke

fixes #1012: enabled socket transport as default

- Factory.java: use socket as default transport
- DefaultTransports.java: register socket transport factory

History

#1 - 06/20/2012 06:32 PM - S. Wrede

- Description updated

#2 - 06/21/2012 03:16 PM - S. Wrede

- Subject changed from *Change default configuration to enable both in-process and socket transport* to *Change default configuration to enable only socket transport*

- Category changed from *C++* to *Protocol*

To avoid redundant notifications, we will disable the in-process transport.

#3 - 06/25/2012 10:34 PM - J. Moringen

- Description updated

- % Done changed from 0 to 20

#4 - 06/25/2012 10:35 PM - J. Moringen

Applied in r3616 for Python.

#5 - 06/27/2012 05:15 PM - J. Moringen

- Description updated

- % Done changed from 20 to 50

#6 - 07/03/2012 04:08 PM - J. Moringen

- Description updated

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

- % Done changed from 50 to 30

Turns out, C++ still defaults to inprocess transport.

#7 - 07/03/2012 04:13 PM - J. Moringen

- Description updated

- % Done changed from 30 to 50

#8 - 07/13/2012 11:05 AM - J. Moringen

- Target version changed from *rsb-0.7* to *rsb-0.9*

#9 - 07/16/2013 11:33 PM - J. Wienke

- Assignee changed from *S. Wrede* to *J. Wienke*

#10 - 07/16/2013 11:39 PM - J. Moringen

- Description updated

- % Done changed from 50 to 70

Common Lisp implementation also does not use Spread by default anymore.

#11 - 07/26/2013 01:39 PM - J. Wienke

- *Status changed from In Progress to Resolved*

- *% Done changed from 70 to 100*

Applied in changeset rsb-java|commit:c5d54fa7caef543974fca71a713f2ffc14498212.