

Robotics Service Bus - Bug #1862

No way to specify custom converter selection strategies in java

04/29/2014 03:02 PM - J. Wienke

Status:	Resolved	Start date:	04/29/2014
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	Java	Estimated time:	0.00 hour
Target version:	rsb-0.11		
Description			
The current java API does not provide any means of customizing the converter selection strategy for participants.			

Associated revisions

Revision 0311a9b5 - 04/29/2014 05:20 PM - J. Wienke

Specify converters in TransportConfig

Add an attribute to TransportConfig for a ConverterRepository to use when creating new connector instances. This allows users to manually specify converter selection strategies apart from the default implementation.

- src/rsb/Informer.java: adapt to new TransportFactory API
- src/rsb/Listener.java: likewise
- src/rsb/config/TransportConfig.java: include optional converter repo
- src/rsb/transport/TransportFactory.java: adapt API to include repo instance
- src/rsb/transport/inprocess/InProcessFactory.java: adapted to API
- src/rsb/transport/socket/SocketFactory.java: likewise
- src/rsb/transport/spread/SpreadFactory.java: likewise

fixes #1862

Revision 5dc71938 - 04/29/2014 05:25 PM - J. Wienke

Allow to copy ParticipantConfig instances

Added a copy method to ParticipantConfig so that clients can easily create new instances from template instances.

refs #1862

Revision 511ab388 - 04/29/2014 05:27 PM - J. Wienke

New PredicateConverterSelectionStrategy

Adds a new ConverterSelectionStrategy based on predicates

refs #1862

Revision 78784186 - 04/29/2014 05:32 PM - J. Wienke

Example for custom converter selection strategies

Adds an example that explains how to use custom converter selection strategies for individual participants.

refs #1862

History

#1 - 04/29/2014 05:32 PM - J. Wienke

- *Status changed from In Progress to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset rsb-java|commit:0311a9b5adb62d2981b5e69682320c505e9caec8.

#2 - 04/29/2014 05:33 PM - J. Wienke

There is now a new example explaining how to use custom converter selection strategies with wildcard conversion for unknown messages.