

Robotics Service Bus - Tasks #481

Set Notification.method Field in Request/Reply Communication

08/05/2011 11:51 PM - J. Moringen

Status:	Resolved	Start date:	08/05/2011
Priority:	Normal	Due date:	
Assignee:	S. Wrede	% Done:	100%
Category:	Protocol	Estimated time:	0.00 hour
Target version:	0.4		
Description - Implement in Java <input type="checkbox"/> - Implement in C++ <input type="checkbox"/> - Implement in Python <input type="checkbox"/> - Implement in Common Lisp <input type="checkbox"/> - Update [[Request/Reply Specification]] <input type="checkbox"/>			
Related issues: Related to Robotics Service Bus - Enhancement # 482: Use a Filter to select R... Resolved 08/06/2011			

Associated revisions

Revision c23f5637 - 08/06/2011 03:43 AM - J. Moringen

Added support for method field in Event, spread and Request/Reply

refs #481

- rsb/__init__.py: added method field to Event class; added property for type field in Informer class
- rsb/patterns/__init__.py: handle method field of request and reply events in RemoteServer and LocalServer classes
- rsb/rsbspread/__init__.py: serialize/deserialize method field of events to/from notifications

Revision 336c5026 - 08/06/2011 03:50 AM - J. Moringen

Added support for method field in Spread connector and Request/Reply

refs #481

- src/rsb/patterns/RemoteServer.cpp: handle method field in request and reply events
- src/rsb/patterns/Server.cpp: similar
- src/rsb/transport/spread/OutConnector.cpp: serialize method field to notification
- src/rsb/transport/spread/ReceiverTask.cpp: deserialize method field from notification

Revision f00b7df9 - 08/06/2011 04:47 AM - J. Moringen

Added support for methods in event, Spread transport, client/server

refs #481

- src/event.lisp (event::method): new slot; can store a method category for the event
(event): updated documentation string
(event=): added keyword parameter compare-methods?; update documentation string
(print-object event t): print method if the event has one

- (make-event): extract method from list of keyword arguments
- src/package.lisp (package rsb): added exported symbol event-method
- src/patterns/remote-server.lisp (call t remove-method event): set method of event to REQUEST
- src/patterns/local-server.lisp (call t local-method event): create event with method set to REPLY
- src/transport/spread/conversion.lisp (one-notification->event): set event method if the notification has one
(event->notifications): pass event method to `make-notification`
(make-notification): store method in notification if there is one

History

#1 - 08/06/2011 12:47 AM - J. Moringen

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

#2 - 08/06/2011 05:06 AM - J. Moringen

- *Assignee changed from J. Moringen to S. Wrede*
- *% Done changed from 0 to 70*

#3 - 08/06/2011 05:06 AM - J. Moringen

- *Description updated*

#4 - 08/08/2011 06:38 PM - S. Wrede

- *Description updated*
- *Status changed from In Progress to Resolved*
- *% Done changed from 70 to 100*