

Robotics Service Bus - Tasks #439

Implement Server/RemoteServer

07/21/2011 09:15 PM - J. Moringen

Status:	Resolved	Start date:	07/21/2011
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	Python	Estimated time:	0.00 hour
Target version:	0.4		
Description			

Associated revisions

Revision a7f4c306 - 07/27/2011 01:44 AM - J. Moringen

Initial Client/Server implementation in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: new module; contains initial implementations of Method, Server, Call, RemoteMethod and RemoteServer classes

Revision 29be1b6e - 07/29/2011 09:39 PM - J. Moringen

Improved initialization/deactivation in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: added Method.deactivate and Server.deactivate; added scope parameter to Server.___init__ and RemoteServer.___init__; added LocalServer class

Revision 98a8cbd2 - 07/30/2011 07:24 PM - J. Moringen

Added error handling, local methods in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: added exception classes RemoteCallError, TimeoutError and RemoteExecutionError; added LocalServer.{addMethod,removeMethod} and LocalMethod; made Call do something useful; initial working versions of RemoteMethod and RemoteServer

Revision 7cd95a31 - 07/30/2011 09:18 PM - J. Moringen

Added types to Method classes in integrationtest/rsb/patterns/___init__.py

refs #439

- integrationtest/rsb/patterns/___init__.py: added requestType and replyType to Method class and constructors of subclasses; added some documentation strings

Revision 259f9f33 - 07/31/2011 07:05 PM - J. Moringen

Initial working local server in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: fixed listener creation and reply construction in LocalMethod; added some documentation strings in LocalServer, Call and RemoteMethod; added fixed types for newly

created RemoteMethods as a hack

Revision 1454c394 - 07/31/2011 10:35 PM - J. Moringen

Implemented create{Server,RemoteServer} in rsb/___init__.py

refs #439

- rsb/___init__.py: implemented createServer and createRemoteServer;
added documentation strings

Revision b2821961 - 07/31/2011 10:37 PM - J. Moringen

Added documentation in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: added documentation strings to LocalMethod
and constructors of Method and Server

Revision e440ba4a - 07/31/2011 11:40 PM - J. Moringen

Added methods property to Server class in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: added getMethods method and read-only
methods property to Server class

Revision 1892d3de - 07/31/2011 11:51 PM - J. Moringen

Extended createServer in rsb/___init__.py

refs #439

- rsb/___init__.py: added keyword parameters object, expose and methods
for conveniently specifying an initial set of methods to the
createServer function

Revision b05d8ace - 08/01/2011 01:27 AM - J. Moringen

Handle callback errors in rsb/patterns/___init__.py

refs #439

- rsb/patterns/___init__.py: handle exceptions raised from implementing
callback in LocalMethod._handleRequest

Revision 54db7055 - 08/04/2011 10:28 PM - J. Moringen

Added request/reply examples in examples/{client,server}.py

refs #439

- examples/client.py: new file; example usage of LocalServer class
- examples/server.py: new file; example usage of RemoteServer class

History

#1 - 07/25/2011 06:08 PM - S. Wrede

- Target version changed from rsb-0.10 to 0.4

#2 - 07/25/2011 07:34 PM - J. Moringen

- Status changed from New to In Progress

- Assignee changed from J. Wienke to J. Moringen

#3 - 07/30/2011 11:46 PM - J. Moringen

- % Done changed from 0 to 80

#4 - 08/03/2011 11:36 AM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 80 to 100