Robotics Service Bus - Tasks #444
Test Client/Server Communication in Integration Test

07/25/2011 07:35 PM - J. Moringen

Status:	Resolved		**Start date:**	07/25/2011
Priority:	Normal		**Due date:**	
Assignee:	S. Wrede		**% Done:**	100%
Category:	Language Integration		**Estimated time:**	0.00 hour
Target version:	0.4			

Description

Associated revisions

Revision b39142a5 - 07/29/2011 10:29 PM - J. Moringen

Added client/server test for C++ in integrationtest/cpp

refs #444

- cpp/CMakeLists.txt: added files cpp/client.cpp, cpp/server.cpp
- cpp/client.cpp: new file; contains C++ client for client/server
  integration test
- cpp/server.cpp: similar

Revision e69cf6d9 - 07/29/2011 10:39 PM - J. Moringen

Added client/server test for Python in integrationtest/cpp

refs #444

- python/client.py: new file; contains Python client for client/server
  integration test
- python/server.py: similar

Revision 141fc7ab - 07/29/2011 10:55 PM - J. Moringen

Added client/server test methods in integrationtest/test/integrationtest.py

refs #444

- test/integrationtest.py: added method
  IntegrationTest.addClientServerPair which adds a test method for a
  client/server language pair

Revision 346479ad - 07/29/2011 11:16 PM - J. Moringen

Created stubs for Java client/server test in integrationtest/java

refs #444

- java/CMakeLists.txt: added files java/client.java,
  java/client.sh.in, java/server.java and java/server.sh.in
- java/client.java: new file; Java client for client/server
  integration test
- java/client.sh.in: new file; launcher script for client
- java/server.java: new file; Java server for client/server
  integration test
- java/server.sh.in: new file; launcher script for server

Revision 112a4d48 - 07/29/2011 11:26 PM - J. Moringen

Fixed errors in Java client/server programs in integrationtest/java

refs #444

- java/client.java: fixed scope; fixed exceptions
- java/server.java: fixed exceptions

Revision 475507ff - 07/29/2011 11:39 PM - J. Moringen

Created stubs for Lisp client/server test in integrationtest/lisp

refs #444

- lisp/client.lisp: new file; contains Lisp client for client/server
  integration test
- lisp/server.lisp: new file; contains Lisp server for client/server
  integration test

Revision 263aea08 - 07/30/2011 07:53 PM - J. Moringen

Tighter timeout for client/server in integrationtest/test/integrationtest.py

refs #444

- integrationtest/test/integrationtest.py: made process timeout
  configurable; wait 60 seconds for publish/subscribe tests and 5
  seconds for client/server tests

Revision 807e5978 - 07/30/2011 09:23 PM - J. Moringen

Improved Python server in integrationtest/python/server.py

refs #444

- integrationtest/python/server.py: added method registration and
  waiting

Revision 85e189bd - 07/31/2011 11:57 PM - J. Moringen

Fixed server methods in integrationtest/python/server.py

refs #444

- integrationtest/python/server.py: server methods did not accept
  arguments/return values

Revision 5db85f4c - 08/01/2011 11:36 PM - J. Moringen

Fixed termination in integrationtest/python/server.py

refs #444

- python/client.py: print is not a function yet, I think; be a bit
  more verbose
- python/server.py: similar; use global variable terminate correctly;
  before terminating, give the method call to terminate some time to
  complete

Revision f9533cb4 - 08/02/2011 12:59 AM - J. Moringen

Added actual test code in integrationtest/java/{client,server}.java

refs #444

- integrationtest/java/client.java: construct a RemoteServer object
  and almost call methods on it
- integrationtest/java/server.java: construct a LocalServer object and
  register the usual methods; added a Terminate class which implements

DataCallback and takes are of terminating the server process when
the terminate method is called

Revision a601169d - 08/02/2011 07:46 AM - J. Moringen

Enabled client/server code in Lisp programs in lisp/

refs #444

- lisp/client.lisp: enabled creation of local server and registration
    of methods
- lisp/server.lisp: enabled creation of remote server and method calls

Revision 5153ad07 - 08/03/2011 10:48 AM - J. Moringen

Fixed some issues in integrationtest/lisp/{client,server}.lisp

refs #444

- lisp/client.lisp: force configuration option refresh after image
    restart; call methods with correct number of arguments
- lisp/server.lisp: force configuration option refresh after image
    restart; ignore unused variables

Revision 2ac70639 - 08/04/2011 09:05 PM - J. Moringen

Fixed error method verification logic in integrationtest/lisp/client.lisp

refs #444

- lisp/client.lisp: fixed method verification logic in call to "error"
    method; embarrassingly, the test was logically inverted; be more
    verbose
- lisp/server.lisp: fixed output

Revision 07f4e667 - 08/04/2011 09:15 PM - J. Moringen

Made C++ client more verbose in integrationtest/cpp/client.cpp

refs #444

- cpp/client.cpp: print something before calling methods
- cpp/server.cpp: cosmetic changes

Revision a8244477 - 08/05/2011 03:18 AM - J. Moringen

Return a value from terminate method in integrationtest/lisp/server.lisp

refs #444

- integrationtest/lisp/server.lisp: return a string value instead the
    potentially not convertible return value of `terminate-notify'

Revision 15868040 - 08/07/2011 02:09 AM - J. Moringen

Fixed some details in Java client in integrationtest/java/client.java

refs #444

- integrationtest/java/client.java: fixed Exception detection logic;
    changed argument of call to echo method

History

#1 - 07/29/2011 11:59 PM - J. Moringen

- Status changed from New to In Progress

- Assignee set to J. Moringen

- % Done changed from 0 to 50

#2 - 07/30/2011 11:46 PM - J. Moringen

- % Done changed from 50 to 80

#3 - 08/05/2011 03:40 AM - J. Moringen

- Assignee changed from J. Moringen to S. Wrede

- % Done changed from 80 to 90

#4 - 08/09/2011 03:19 AM - S. Wrede

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100

Fixed by Jan / Sebastian productions.

- Status changed from New to In Progress

- Assignee set to J. Moringen

- % Done changed from 0 to 50

#2 - 07/30/2011 11:46 PM - J. Moringen