Robotics Service Bus - Feature #195

Tasks # 292 (Resolved): Fix communication with C++ baseline

Integrate Option File Parsing

02/17/2011 06:00 PM - J. Wienke

Status:	Resolved		**Start date:**	02/17/2011
Priority:	Normal		**Due date:**	
Assignee:	J. Moringen		**% Done:**	100%
Category:	Python		**Estimated time:**	3.00 hours
Target version:	0.2			

Description

.rsbrc files + environment + command line?

Associated revisions

Revision 634738ac - 05/17/2011 06:01 PM - J. Moringen

Initial version of configuration mechanism

refs #195

- rsb/__init__.py: Subscriber and Publisher do not require a fully
    prepared Router object anymore; instead, a ParticipantConfig object
    can be supplied
- rsb/util.py: added ParticipantConfig class which stores
    configuration options and handles retrieving options form different
    sources
- rsb/rsbspread/__init__.py: the constructor of SpreadPort now accepts
    a dictionary of configuration options and extracts the port and
    hostname of the Spread daemon from it

Revision b3f2165a - 05/17/2011 06:16 PM - J. Moringen

Adapted unit tests to account for configuration changes

refs #195

- test/rsbspreadtest.py: constructor Publisher and Subscriber object
    differently to account for changes introduced for configuration API

Revision 0e9b79d8 - 05/20/2011 09:46 PM - J. Moringen

Better parsing of configuration options in rsb/__init__.py

refs #195

- rsb/__init__.py: enabled options of transports defaults to false;
    honor quality of service options; strip whitespace form
    configuration option values

Revision 4daefeb0 - 05/20/2011 09:47 PM - J. Moringen

Implemented ParticipantConfig test cases in test/coretest.py

refs #195

- test/coretest.py: implemented test cases testFromFile and
    testFromEnvironment in suite ParticipantConfig

Revision 3b1b6a22 - 05/20/2011 09:50 PM - J. Moringen

Added test config file test/smoke-test.conf

refs #195

- test/smoke-test.conf: new file; test config file for test case
  test.utiltest.EnumTest

Revision 331fdaca - 05/20/2011 10:37 PM - J. Moringen

Added test case default option values in test/coretest.py

refs #195

- rsb/__init__.py: added fromDict method to ParticipantConfig class
- test/coretest.py: added test case testOverwritingDefaults to test
  suite ParticipantConfigTest

History

#1 - 05/12/2011 03:14 PM - J. Wienke

- Parent task set to #292

#2 - 05/16/2011 02:32 PM - J. Wienke

- Target version set to 0.2

#3 - 05/16/2011 05:03 PM - J. Moringen

Specification is at [[Configuration]]. For version 0.2:

- rsb.conf
- Environment variables
- ~~Commandline~~

#4 - 05/17/2011 01:20 PM - J. Wienke

- Assignee changed from J. Wienke to J. Moringen

#5 - 05/17/2011 06:22 PM - J. Moringen

- Status changed from New to In Progress

- % Done changed from 0 to 60

#6 - 05/23/2011 05:38 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 60 to 100

The only option that is not respected is errorhandling.onhandlererror.