Robotics Service Bus - Tasks #255

Tasks # 240 (Resolved): Refactor C++ Implementation to 2011-04-13 Domain Model

Separate In and OutConnectors

04/23/2011 01:17 PM - J. Wienke

Status:	Resolved		**Start date:**	04/23/2011
Priority:	Normal		**Due date:**	
Assignee:	J. Moringen		**% Done:**	100%
Category:	C++		**Estimated time:**	3.00 hours
Target version:				

Description

Separate the Connector interface to InConnector for receiving events and OutConnector for sending messages. Let transport::Factory create both types.

For spread separate the Connector to spread::OutConnector (the current Connector class) and spread::InConnector (which is probably a refactoring of the ReceiverTask).

Related issues:

Blocks Robotics Service Bus - Tasks # 261: Dynamic connector creation	**Resolved**	**04/27/2011**
Precedes Robotics Service Bus - Bug # 265: Fix/Implement/Test InProcess Conne...	**Resolved**	**04/29/2011**

Associated revisions

Revision ec3a0a2c - 04/28/2011 08:52 PM - J. Moringen

Added InConnector and OutConnector as a first step to implement

refs #255

- src/rsb/transport/Connector.{h,cpp}: added classes InConnector and
    OutConnector; moved methods and data members from Connector into new
    classes as appropriate
- src/rsb/eventprocessing/Router.{h,cpp}: changed types of inConnector
    and outConnector members to InConnectorPtr and OutConnectorPtr
    respectively
- src/rsb/transport/inprocess/InProcessConnector.h: InProcessConnector
    is now derived from InConnector and OutConnector
- src/rsb/transport/spread/SpreadConnector.h: SpreadConnector is now
    derived from InConnector and OutConnector
- test/rsb/RSBTest.cpp: adapted to changes in Connector interface
- test/rsb/InformerTask.{h,cpp}: likewise
- test/rsb/transport/spread/SpreadConnectorTest.cpp:likewise

Revision 31744264 - 04/29/2011 05:50 PM - J. Moringen

In/Out separation for spread transport and Router; Disabled inprocess transport

fixes #255

- src/CMakeLists.txt: disabled inprocess connector; added
    src/rsb/spread/{In,Out}Connector.{h,cpp}
- src/rsb/eventprocessing/Router.cpp: use correct factories for In-
    and OutConnector
- src/rsb/transport/Factory.cpp: removed; the former factory has been
    reduced to two typedefs
- src/rsb/transport/Factory.h: changed interface types of factories to
    InConnector and OutConnector respectively
- src/rsb/transport/transports.cpp: register in and out directions for

spread; do not register the disabled inprocess connector

- src/rsb/transport/spread/InConnector.{h,cpp}: new files; connector
  for in direction of spread transport

- src/rsb/transport/spread/OutConnector.{h,cpp}: new files; connector
  for out direction of spread transport

- src/rsb/transport/spread/SpreadConnector.{h,cpp}: moved
  direction-specific parts to {In,Out}Connector.{h,cpp}

- test/rsb/transport/spread/SpreadConnectorTest.cpp

History

#1 - 04/28/2011 03:49 PM - J. Moringen

- Assignee changed from S. Wrede to J. Moringen

#2 - 04/28/2011 08:57 PM - J. Moringen

- Status changed from New to In Progress

- % Done changed from 0 to 20

#3 - 04/29/2011 05:50 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 20 to 100

Applied in changeset r681.