Robotics Service Bus - Enhancement #2041

 Enhancement # 378 (In Progress): Support URIs for Participant Configuration

merge URI spec into ParticipantConfig

10/06/2014 11:17 PM - R. Haschke

Status:	Feedback		**Start date:**	10/06/2014
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	80%
Category:	C++		**Estimated time:**	12.00 hours
Target version:	rsb-1.0			

Description

provide utilities to parse rsb-URIs (see http://docs.cor-lab.de//rsb-manual/trunk/html/specification-uris.html)

provide thin uri class, full-fledged class might become part of boost: https://github.com/cpp-netlib/uri

provide ParticipantConfig ParticipantConfig::merge (const uri&) to merges uri-parameters of existing ParticipantConfig
- uri parameters, if available, overwrite existing parameters
- new transport is added if neccessary

provide ParticipantConfig ParticipantConfig::replace (const uri&): as merge, but disable (or remove?) other transports

raises std::invalid_argument on failures:
- invalid URI syntax
- host/port given, but no transport specified

Related issues:

Blocks Robotics Service Bus - Feature # 2051: Qt-based graphical event logger	**In Progress**	**10/09/2014**

History

#1 - 10/07/2014 03:31 AM - J. Moringen

- *Parent task set to #378*

#2 - 10/07/2014 03:31 AM - J. Moringen

- *Status changed from New to In Progress*
- *Target version changed from rsb-0.11 to rsb-0.12*

#3 - 10/07/2014 10:51 AM - R. Haschke

commited uri class to rsc::misc (branch feature-uri-class)

#4 - 10/09/2014 10:59 AM - R. Haschke

- *Subject changed from parse URI into ParticipantConfigs to merge URI spec into ParticipantConfig*
- *Assignee changed from R. Haschke to J. Moringen*
- *% Done changed from 50 to 80*

branch enhancement-2041 awaits approval

#5 - 10/09/2014 12:40 PM - J. Moringen

- *Status changed from In Progress to Feedback*

- Assignee deleted (J. Moringen)

Thanks for the implementation proposal. We will review this when the 0.11 release is done.

I would have added "blocked by" for the RSC issue for implementing URIs but there doesn't seem to be one …

#6 - 02/11/2015 02:09 AM - R. Haschke

- Blocks Feature #2051: Qt-based graphical event logger added

#7 - 02/11/2015 02:16 AM - R. Haschke

- Tracker changed from Feature to Enhancement

#8 - 04/24/2015 05:38 PM - J. Moringen

- Target version changed from rsb-0.12 to rsb-1.0