Robotics Systems Commons - Feature #772
Add file-based logger configuration

12/15/2011 02:15 PM - J. Wienke

Status:	Resolved		**Start date:**	12/15/2011
Priority:	Normal		**Due date:**	
Assignee:	J. Wienke		**% Done:**	100%
Category:	Logging		**Estimated time:**	1.00 hour
Target version:	0.6			

Description

An optional parser is required to get a logger configuration at start-up.
Two modes should be supported:

   - Integration into existing configuration scheme of e.g. RSB. There we could define a property to another file with the logger configuration
   - Fall-back configuration using a default file name for programs that otherwise do not use the RSC configuration mechanism. They just call something like logging::configureFromFile.

Properties would be like this:

    [rsc.logging]
    LEVEL = DEBUG
    SYSTEM = ConsoleLoggingSystem # both properties for root logger
    a.child.logger.LEVEL = WARN
    ...

Associated revisions

Revision 6f11e0ed - 03/02/2012 10:03 AM - J. Wienke

Add an OptionHandler which can be used to configure the levels of the logging system.

refs #772

Revision 96229395 - 03/02/2012 10:16 AM - J. Wienke

   - remove cout
   - add a short cut for configuration directly from LoggerFactory

refs #772

Revision bc3d3d60 - 03/02/2012 10:39 AM - J. Wienke

Make it possible to reselect the logging system using the config, ut only for the root logger so far

fixes #772

History

#1 - 12/15/2011 02:32 PM - J. Wienke

- Description updated

#2 - 03/01/2012 05:09 PM - J. Wienke

- Status changed from New to In Progress

#3 - 03/02/2012 10:06 AM - J. Wienke

- Target version set to 0.6

- % Done changed from 0 to 50

- Estimated time set to 1.00

I have added an option handler which can configure the logger levels based on the config interfaces.

What else do we need to fulfill the issue? A convenience wrapper in LoggerFactory?

#4 - 03/02/2012 10:40 AM - J. Wienke

- Status changed from In Progress to Resolved

- % Done changed from 50 to 100

Applied in changeset r479.

#5 - 03/02/2012 10:42 AM - J. Wienke

Now also the logging system for the root logger can be changed. Individual loggers cannot be changed but this is a more general problem at the moment.