

## Robotics Systems Commons - Feature #772

### Add file-based logger configuration

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

|  |           |                        |            |
|--|-----------|------------------------|------------|
| <b>Status:</b>   | Resolved  | <b>Start date:</b>     | 12/15/2011 |
| <b>Priority:</b>   | Normal    | <b>Due date:</b>       |            |
| <b>Assignee:</b>   | J. Wienke | <b>% Done:</b>         | 100%       |
| <b>Category:</b>   | Logging   | <b>Estimated time:</b> | 1.00 hour  |
| <b>Target version:</b>   | 0.6       |                        |            |
| <b>Description</b>   |           |                        |            |
| <p>An optional parser is required to get a logger configuration at start-up.</p> <p>Two modes should be supported:</p> <ul style="list-style-type: none"><li>- Integration into existing configuration scheme of e.g. RSB. There we could define a property to another file with the logger configuration</li><li>- 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.</li></ul> <p>Properties would be like this:</p> <pre>[rsc.logging] LEVEL = DEBUG SYSTEM = ConsoleLoggingSystem # both properties for root logger a.child.logger.LEVEL = WARN ...</pre> |           |                        |            |

#### 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.