Robotics Service Bus - Bug #1334
Configuring loggers does not work using environment variables.

01/16/2013 02:29 PM - L. Schillingmann

Status:	Resolved		**Start date:**	01/16/2013
Priority:	Normal		**Due date:**	
Assignee:	J. Wienke		**% Done:**	100%
Category:	C++		**Estimated time:**	0.00 hour
Target version:	rsb-0.9			

Description

The following log message will not be shown, regardless of the shell's environment:

```
[...]
rsb::ListenerPtr listener(Factory::getInstance().createListener(scope));
listener->addHandler(rsb::HandlerPtr(new rsb::EventQueuePushHandler(eventqueue)));
rsc::logging::LoggerPtr logger = rsc::logging::Logger::getLogger("blah");
logger->info("This is a info msg...");
```

Shell environment:

```
RSC_LOGGING_BLAH_LEVEL=INFO
```

> *Result: Does not work. Varying case does not help either.*

rsb.conf:

```
[rsc.logging]
blah.LEVEL=INFO
```

> *Result: Does work*

Related issues:

Related to Robotics Systems Commons - Enhancement # 1337: Allows to spcify wh...	**Resolved**	**01/16/2013**
Blocked by Robotics Systems Commons - Enhancement # 1336: Make logger names c...	**Resolved**	**01/16/2013**

Associated revisions

Revision 9c0e8cfd - 01/16/2013 09:37 PM - J. Wienke

Do not strip the prefix of environment variable options for the logging configuration.

This avoid the necessity for RSC_RSC_LOGGING duplication.

refs #1334

History

#1 - 01/16/2013 07:11 PM - J. Wienke

- Status changed from New to In Progress

#2 - 01/16/2013 07:34 PM - J. Wienke

This is caused by the fact that the current logging system in RSC is case-sensitive, but option handling from the environment make everything lower-case. See #1336.

#3 - 01/16/2013 09:21 PM - J. Wienke

With the resolution for #1336 the specification now works using RSC_RSC_LOGGING* variables. This is still suboptimal with the duplicated RSC prefix. So I will fix this with #1337

#4 - 01/16/2013 09:40 PM - J. Wienke

- Status changed from In Progress to Resolved

- Target version changed from rsb-0.7 to rsb-0.9

- % Done changed from 0 to 100

This is now completely fixed in master, so that RSC_LOGGING_YOUR_LOGGER_LEVEL=BLA works. However, I had to change interfaces for this to work and some guarantees of the logging system in RSC. Hence, I cannot port this back to 0.7. I hope this is ok.