

## Robotics Service Bus - Bug #1334

### Configuring loggers does not work using environment variables.

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

<b>Status:</b>	Resolved	<b>Start date:</b>	01/16/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Wienke	<b>% Done:</b>	100%
<b>Category:</b>	C++	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	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...	<b>Resolved</b>	<b>01/16/2013</b>
Blocked by Robotics Systems Commons - Enhancement # 1336: Make logger names c...	<b>Resolved</b>	<b>01/16/2013</b>

#### 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

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### #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.