

## Robotics Service Bus - Feature #2051

### Qt-based graphical event logger

10/09/2014 11:12 AM - R. Haschke

<b>Status:</b>	In Progress	<b>Start date:</b>	10/09/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	R. Haschke	<b>% Done:</b>	80%
<b>Category:</b>	C++ Tools	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-1.0		

#### Description

initial commit to feature branch "feature-loggerqt"

#### Related issues:

Blocked by Robotics Service Bus - Enhancement # 2041: merge URI spec into Par...	<b>Feedback</b>	<b>10/06/2014</b>
Blocked by Robotics Systems Commons - Enhancement # 2063: simplify clumsy usa...	<b>In Progress</b>	<b>10/18/2014</b>
Blocked by Robotics Service Bus - Enhancement # 2149: Provide simple API to p...	<b>Feedback</b>	<b>01/04/2015</b>
Blocked by Robotics Service Bus - Enhancement # 2066: added WireSchemaFilter ...	<b>Feedback</b>	<b>10/24/2014</b>

#### History

##### #1 - 10/09/2014 12:57 PM - J. Moringen

The commit(s) seem to have been pushed to master instead of the feature branch accidentally. We will move them to the proposed feature branch.

##### #2 - 10/09/2014 03:35 PM - J. Wienke

I have move your changes to the real feature-loggerqt branch and force-pushed the master back to its original state.

In any case, I would be very much in favor to move the logger to a custom project, since the nice thing about the tools, so far, was that they do not depend on huge libraries like Qt. Moreover, a solution with conditional compilation always increases build system and variant management complexity. Any reason against moving this to a custom project.

One more thing: we already had a student project some time ago to create a graphical logger based on python: project:rsbeventvis. Did you see this? How does that relate?

##### #3 - 10/09/2014 03:47 PM - R. Haschke

Having it out-sourced into a different project, will easily cause that you oversee the tool.

The QT dependency is optional. If Qt is not found, the graphical tool is not build.

Sebastian mentioned project:rsbeventvis. However, he said its unrelated.

##### #4 - 10/09/2014 03:55 PM - J. Wienke

Like this, it will easily be overlooked that cmake did not find qt and people are confused, too ;)

##### #5 - 10/14/2014 07:00 PM - R. Haschke

- % Done changed from 50 to 70

added viewers for several wire schemas, including IpImage (thanks to Tobias Röhlig)  
runs stable, no memory leaks anymore (fixed one in xmltio!)

Give it a try!

**#6 - 10/21/2014 10:32 PM - R. Haschke**

- % Done changed from 70 to 80

added filter support

**#7 - 10/22/2014 12:09 PM - S. Wrede**

Robert Haschke wrote:

| *Sebastian mentioned project:rsbeventvis. However, he said its unrelated.*

I did not want to say it is unrelated. I did say that it is not widely used (AFAIK) and that I assume that what Roberts tool is supposed to do is more powerful than what rsbeventvis provided at that time.

For the project relation question: Why not set up a dedicated project on graphical tools?

**#8 - 11/09/2014 08:42 PM - R. Haschke**

- Status changed from New to In Progress

- Target version set to rsb-0.12

**#9 - 02/11/2015 02:09 AM - R. Haschke**

- Blocked by Enhancement #2041: merge URI spec into ParticipantConfig added

**#10 - 02/11/2015 02:10 AM - R. Haschke**

- Blocked by Enhancement #2063: simplify clumsy usage of DebugTools added

**#11 - 02/11/2015 02:10 AM - R. Haschke**

- Blocks Enhancement #2066: added WireSchemaFilter + FilterCombination added

**#12 - 02/11/2015 02:11 AM - R. Haschke**

- Blocked by Enhancement #2149: Provide simple API to programmatically set preferred converters added

**#13 - 02/11/2015 02:11 AM - R. Haschke**

- Blocks deleted (Enhancement #2066: added WireSchemaFilter + FilterCombination)

**#14 - 02/11/2015 02:12 AM - R. Haschke**

- Blocked by Enhancement #2066: added WireSchemaFilter + FilterCombination added

**#15 - 02/11/2015 02:16 AM - R. Haschke**

Integration into rsb distro is currently blocked by several enhancements to rsc and rsb, which are pending since October 2014

- Enhancement #2041: merge URI spec into ParticipantConfig (both rsc + rsb-cpp)

- Enhancement #2063: simplify clumsy usage of DebugTools (rsc, and follow-up changes in rsb)

- Enhancement #2066: added WireSchemaFilter + FilterCombination (rsb)
- Enhancement #2149: provide simple API to programmatically set preferred converters (rsb)

**#16 - 02/11/2015 02:19 AM - R. Haschke**

R. Haschke wrote:

*Integration into rsb distro is currently blocked by several enhancements to rsc and rsb, which are pending since October 2014*

- *Enhancement #2041: merge URI spec into ParticipantConfig (both rsc + rsb-cpp)*
- *Enhancement #2063: simplify clumsy usage of DebugTools (rsc, and follow-up changes in rsb + rsb-spread-cpp)*
- *Enhancement #2066: added WireSchemaFilter + FilterCombination (rsb)*
- *Enhancement #2149: provide simple API to programmatically set preferred converters (rsb)*

**#17 - 04/24/2015 05:38 PM - J. Moringen**

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