

Robotics Service Bus - Tasks #974

Make URIs case-insensitive

03/28/2012 02:21 PM - Anonymous

Status:	Rejected	Start date:	03/28/2012
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Specification	Estimated time:	0.00 hour
Target version:	rsb-0.13		
Description			
<p>Right now it is not [[URI_Schema specified]] I think, but URIs are case-sensitive which they shouldn't. Separating URIs just by cases should not be done and therefore not be possible.</p> <p>In addition case-insensitivity would improve usability in cases where I have to write URIs by hand, e.g. when starting a logger via command-line.</p>			

Associated revisions

Revision a6e04e8f - 03/28/2012 03:42 PM - J. Moringen

Added scope specification in manual/specification.rst

refs #974

- manual/specification.rst: added initial scope specification

Revision 9d4862b0 - 08/19/2015 04:10 PM - J. Wienke

Remove note about scope case-sensitivity

URI paths are case-sensitive according to RFC3986 and therefore case-sensitive scopes, which are only used in paths and not the host portion, do not interfere with the idea of using URIs consistently.

refs #974

Revision 32ec7927 - 08/19/2015 06:00 PM - J. Moringen

Do not downcase all scope components in src/patterns/protocol.lisp

refs #974

- src/patterns/protocol.lisp (make-child-scope t symbol t): downcase the symbol name
(make-child-scope t string t): do not downcase the string before passing it to `derive-scope-component'
- test/patterns/protocol.lisp
(test rsb-patterns-protocol-root::make-child-scope/smoke): added cases for case-sensitivity

Revision 8641606a - 08/19/2015 06:01 PM - J. Moringen

Test case-sensitivity in test/scope.lisp

refs #974

- test/scope.lisp (test scope-root::derive-scope-component): added cases for case-sensitivity
- (test scope-root::construction/from-components): likewise
- (test scope-root::relations): likewise
- (test scope-root::print): likewise

History

#1 - 03/28/2012 03:44 PM - J. Moringen

Can you propose changes to source:trunk/manual/concepts.rst and source:trunk/manual/specification.rst?

#2 - 03/28/2012 05:57 PM - Anonymous

- *File patch added*
- *Status changed from New to Feedback*

Proposal:

- **URIs** are (remain?) **case insensitive**
- **Scopes** are always **lower-case** (to avoid mixing of cases but remain runtime-efficient)
- Provide a (normalization) method for scopes, for example to convert a URI path to a valid scope (converting to lower-case, stripping double-slashes, ...)

See minor changes to the specification attached.

#3 - 04/02/2012 01:44 PM - J. Moringen

I am in favor. Sebastian, Johannes, what do you think?

#4 - 04/02/2012 02:05 PM - S. Wrede

+1

#5 - 09/04/2012 06:45 PM - J. Moringen

- *Target version set to rsb-0.9*

#6 - 12/20/2012 05:07 PM - J. Moringen

- *Target version changed from rsb-0.9 to rsb-0.10*

#7 - 12/10/2013 11:47 PM - J. Moringen

- *Target version changed from rsb-0.10 to rsb-0.11*

#8 - 11/21/2014 12:01 AM - J. Moringen

- *Target version changed from rsb-0.11 to rsb-0.12*

#9 - 04/27/2015 11:14 AM - J. Wienke

- Target version changed from rsb-0.12 to rsb-0.13

#10 - 08/19/2015 04:11 PM - J. Wienke

- Status changed from Feedback to Rejected

RFC3689 specifies that the path in an URI is case-sensitive. Therefore we do not have to do anything here and can allow case-sensitive scope strings.

Files

patch	529 Bytes	03/28/2012	Anonymous
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