

Mulgara - Bug #81

Blank Node Assignment in Inserts inconsistent with autocommit

02/28/2008 06:23 AM - Andrae Muys -

Status:	In Progress	Start date:	
Priority:	High	Due date:	
Assignee:	Andrae Muys -	% Done:	0%
Category:	Mulgara	Estimated time:	0.00 hour
Target version:			
Resolution:			
Description <p>It appears that the binding of variables to blank nodes when inserting statements behaves differently depending on whether autocommit is turned on for the session. If I have autocommit turned on and execute the following iTQL commands:</p> <pre>create <rmi://localhost/server1#test>; insert <test:subj> <test:pred> \$x \$x <test:value> 'o1' into <rmi://localhost/server1#test> ; insert <test:subj> <test:pred> \$x \$x <test:value> 'o2' into <rmi://localhost/server1#test> ; select \$s \$p \$o from <rmi://localhost/server1#test> where \$s \$p \$o;</pre> <p>Then I see that the variable "x" is bound to different blank nodes in each of the two insertions, and the resulting model has 4 statements. This is the behavior (behaviour?) that I would expect.</p> <p>However, when I turn autocommit off prior to the first insertion, and turn it back on after the second insertion, then I see that the variable "x" is bound to the same blank node in each of the insertions, resulting in 3 total statements in the model, which came as a bit of a surprise to me. Is this the expected behavior in that situation?</p>			

History

#1 - 02/28/2008 06:27 AM - Andrae Muys -

- Status changed from New to In Progress

#2 - 02/28/2008 02:40 PM - Paula Gearon

While it is unexpected behavior, it is also exactly what some people would like to have, as there is no way to re-reference an inserted blank node without doing a select/insert.

So do we fix it, or document it?