

Wt - Bug #1479

[Wt::Dbo] [PostgresSQL] ptr.modify() : clear on collection

10/16/2012 05:30 PM - Thomas Saquet

Status:	InProgress	Start date:	10/16/2012
Priority:	Normal	Due date:	
Assignee:	Koen Deforche	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	3.3.4		
Description			
Hello,			
The method .clear() doesn't provide a correct SQL query to delete a complete collection for postgres SQL.			
It provides :			
<pre>delete from "FIRST_TABLE" join "SECOND_TABLE" on "SECOND_TABLE"."ID_IN_SECOND_TABLE" = "FIRST_TABLE"."ID_IN_FIRST_TABLE" where "SECOND_TABLE"."ID_IN_SECOND_TABLE" = idToDelete;</pre>			
As you can see in the postgres documentation DELETE doesn't accept JOIN.			
http://docs.postgresql.org/9.0/sql-delete.html			
It should be :			
<pre>DELETE FROM "FIRST_TABLE" USING "SECOND_TABLE" WHERE "SECOND_TABLE"."ID_IN_SECOND_TABLE" = "FIRST_TABLE"."ID_IN_FIRST_TABLE" AND "SECOND_TABLE"."ID_IN_SECOND_TABLE" = idToDelete;</pre>			
Regards,			
Thomas			

History

#1 - 10/16/2012 10:20 PM - Koen Deforche

- Status changed from New to InProgress
- Assignee set to Koen Deforche

Hey Thomas,

We're learning something new everyday. I'd prefer the 'standard' syntax in this case, which is using a nested query.

I hope you can work around this problem using a manual Session::execute() (and that I can make this 'Normal' priority) ?

Regards,

koen

#2 - 10/17/2012 05:40 PM - Thomas Saquet

Hey Koen,

Sure, i can do that, thank you. Indeed the priority becomes 'normal' :)

Regards,

Thomas

#3 - 10/17/2012 10:11 PM - Koen Deforche

- Priority changed from High to Normal

#4 - 10/22/2014 04:38 PM - Koen Deforche

- *Target version set to 3.3.4*

#5 - 03/09/2015 11:47 AM - Koen Deforche

Some notes:

- In general, it's too complicated, or even impossible (what if you join many tables, what is it that you actually should delete?)
- We should change the documentation to say this only works for simple queries.