

Wt - Bug #3446

Wt::Dbo: NaN values of double throw exception for Sqlite

07/09/2014 01:03 AM - Anonymous

Status:	Closed	Start date:	07/09/2014
Priority:	Normal	Due date:	
Assignee:	Koen Deforche	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	3.3.4		
Description			
When using the Sqlite backend for Wt::Dbo, I get the following error when trying to input NaN values of a double: exception: Sqlite3: insert into "rowname" ("version", "raw_id", "msg_type", "data_type", "key", "moosmsg_id", "moosmsg_time", "double_value", "string_value", "source", "source_auxiliary", "originating_community") values (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?): NOT NULL constraint failed: rowname.double_value This appears to be because Sqlite treats NaN as NULL, and the double implementation of Wt::Dbo::sql_value_traits sets NOT NULL on the table row. Perhaps Wt::Dbo::sql_value_traits for double should allow NULL and convert them to NaN on read?			

History

#1 - 10/15/2014 03:46 PM - Koen Deforche

- Status changed from *New* to *InProgress*
- Assignee set to *Korneel Dumon*
- Target version set to *3.3.4*

#2 - 10/18/2014 11:25 AM - Koen Deforche

- Assignee changed from *Korneel Dumon* to *Koen Deforche*

#3 - 10/18/2014 11:35 AM - Koen Deforche

- Status changed from *InProgress* to *Resolved*

We've fixed this by storing NaN as "NaN" string (Sqlite3 doesn't actually enforce data types so this comes in hand here).

#4 - 10/22/2014 02:27 AM - Koen Deforche

- Status changed from *Resolved* to *Closed*