

Wt - Bug #3550

Wt::Dbo::Call::~~Call has noexcept(true) by default

08/28/2014 03:21 AM - Nikolay Kopylov

Status:	Closed	Start date:	08/28/2014
Priority:	Normal	Due date:	
Assignee:	Koen Deforche	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	3.3.4		

Description

Hi, I had been caught with the issue that the exception thrown from Wt::Dbo::Call::run cannot be caught in the user code.

The execution end up in terminate()

After two days of investigation, I had made the local patch, declaring Wt::Dbo::Call::~~Call as noexcept(false).

I think this link is relevant: <http://stackoverflow.com/questions/11497252/default-destroyer-nothrow>

The problem exists on gcc 4.8.2 and 4.9.1 and Wt 3.3.3, on Ubuntu 14.04

I'm using Postgres as a backend.

And, I'm not sure whether it's connected with the bug or not, but tests do not pass, I received 13 errors.

History

#1 - 09/08/2014 02:11 PM - Koen Deforche

- Status changed from New to Resolved
- Assignee set to Koen Deforche
- Target version set to 3.3.4

Hey,

I believe you're right. Because we execute the query from the destructor this one can indeed also throw.

As a workaround you can call run() (not documented but available) beforehand to eliminate problems in the destructor.

I'll fix it using your suggestion and also document the run() method.

koen

#2 - 10/22/2014 02:28 AM - Koen Deforche

- Status changed from Resolved to Closed