

Wt - Bug #6076

[Wt::Dbo] How to work with entities without parameter-less constructors (classes that require an invariant)

10/30/2017 06:24 PM - Oleg Artenii

Status:	New	Start date:	10/30/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

I have a class with an explicit constructor that requires two parameters, without those parameters the instance is invalid. When I try to map it with Wt it requires a default parameter-less constructor (I think just to create an instance to be able to execute the persist() method).

Is there any way to make Wt to not construct an object but still be able to extract the mapping data for object?

As a quick fix I created a parameter-less constructor and initialize the required members with nullptr but this can cause troubles in future.

History

#1 - 10/31/2017 10:32 AM - Wim Dumon

You're correct that Wt::Dbo has to be able to create an instance of your object when it is retrieved from the database. It uses the default constructor for that, and fills out the data fields according to the values stored in the database.

Alternatively, we should add a method to the traits class to create an object of a specific type.

Wim.

#2 - 10/31/2017 11:18 AM - Oleg Artenii

Alternatively, we should add a method to the traits class to create an object of a specific type.

If in that method I will be able to create the dependent objects first (which are part of invariant) then pass them to constructor, then it's a good solution.