

Redmine - Defect #23347

MySQL: You can't specify target table for update in FROM clause

2016-07-15 13:32 - Felix Schäfer

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:	3.4.0	Affected version:	
Resolution:	Fixed		
Description			
<p>The down migration for ClearEstimatedHoursOnParentIssues will fail on MySQL (5.6) with the following message:</p> <pre>Mysql2::Error: You can't specify target table 'issues' for update in FROM clause: UPDATE `issues` SET estimated_hours = (SELECT SUM(leaves.estimated_hours) FROM issues leaves WHERE leaves.root_id = issues.root_id AND leaves.lft > issues.lft AND leaves.rgt < issues.rgt AND leaves.rgt = leaves.lft + 1) WHERE (rgt > lft + 1)</pre> <p>Our quick fix was to explicitly make a temp table instead of referencing the issues table in the subquery:</p> <pre>diff --git a/db/migrate/20150525103953_clear_estimated_hours_on_parent_issues.rb b/db/migrate/20150525103953_clear_estimated_hours_on_parent_issues.rb index 8eed815..c00ada0 100644 --- a/db/migrate/20150525103953_clear_estimated_hours_on_parent_issues.rb +++ b/db/migrate/20150525103953_clear_estimated_hours_on_parent_issues.rb @@ -6,7 +6,7 @@ class ClearEstimatedHoursOnParentIssues < ActiveRecord::Migration def self.down table_name = Issue.table_name - leaves_sum_select = "SELECT SUM(leaves.estimated_hours) FROM #{table_name} leaves" + + leaves_sum_select = "SELECT SUM(leaves.estimated_hours) FROM (SELECT * FROM #{table_name}) AS leaves" + " WHERE leaves.root_id = #{table_name}.root_id AND leaves.lft > #{table_name}.lft AND leaves.rgt < #{table_name}.rgt" + " AND leaves.rgt = leaves.lft + 1"</pre>			

Associated revisions

Revision 15737 - 2016-08-18 16:58 - Jean-Philippe Lang

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Patch by Felix Schäfer.

History

#1 - 2016-07-15 14:04 - Toshi MARUYAMA

- Target version set to 3.4.0

#2 - 2016-08-18 16:58 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Resolution set to Fixed

Committed, thanks.