

Redmine - Defect #19252

2 IssuesController tests fail with SQLite3 database

2015-03-03 11:39 - Björn Peemöller

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	3.0.0
Resolution:			
Description			
<p>Hi, running the test cases of Redmine 3.0.0 using an SQLite3 backend I encountered the following two errors:</p>			
<pre>\$ ruby test/functional/issues_controller_test.rb -n test_index_with_query_grouped_by_tracker_in_reverse_order Run options: -n test_index_with_query_grouped_by_tracker_in_reverse_order --seed 925 # Running: F Finished in 2.918891s, 0.3426 runs/s, 0.6852 assertions/s. 1) Failure: IssuesControllerTest#test_index_with_query_grouped_by_tracker_in_reverse_order [test/functional/issues_controller_test.rb:346]: Expected: [3, 2, 1] Actual: [2, 3, 1] 1 runs, 2 assertions, 1 failures, 0 errors, 0 skips</pre>			
<p>and</p>			
<pre>\$ ruby test/functional/issues_controller_test.rb -n test_index_with_query_grouped_by_tracker_in_normal_order Run options: -n test_index_with_query_grouped_by_tracker_in_normal_order --seed 7058 # Running: F Finished in 2.245884s, 0.4453 runs/s, 0.8905 assertions/s. 1) Failure: IssuesControllerTest#test_index_with_query_grouped_by_tracker_in_normal_order [test/functional/issues_controller_test.rb:336]: Expected: [1, 2, 3] Actual: [1, 3, 2] 1 runs, 2 assertions, 1 failures, 0 errors, 0 skips</pre>			
<p>I'm using sqlite3 (1.3.10) and Ruby 2.0.0-p598. Please ask for more information if you need some.</p>			

Associated revisions

Revision 14175 - 2015-04-14 14:49 - Toshi MARUYAMA

Gemfile: remove activerecord-jdbcsqlite3-adapter version and pin jdbc-sqlite3 version < 3.8 (#19252)

r13829 comment "test/functional/issues_controller_test.rb failure" is due to sqlite3 3.8.

Revision 14176 - 2015-04-14 14:53 - Toshi MARUYAMA

Merged r14175 from trunk to 3.0-stable (#19252)

Gemfile: remove activerecord-jdbcsqlite3-adapter version and pin jdbc-sqlite3 version < 3.8.

r13829 comment "test/functional/issues_controller_test.rb failure" is due to sqlite3 3.8.

Revision 14177 - 2015-04-14 14:58 - Toshi MARUYAMA

Merged r14175 from trunk to 2.6-stable (#19252)

Gemfile: remove activerecord-jdbcsqlite3-adapter version and pin jdbc-sqlite3 version < 3.8.

r13829 comment "test/functional/issues_controller_test.rb failure" is due to sqlite3 3.8.

Revision 14329 - 2015-06-18 09:10 - Toshi MARUYAMA

Gemfile: use jdbc-sqlite3 version >= 3.8.10.1 (#19252)

sqlite-jdbc was updated to 3.8.10.1 in upstream.

<https://github.com/rjruby/activerecord-jdbc-adapter/commit/f7a20b0d577fad569d6f375d3b8f1e63dd02266b>

Revision 14330 - 2015-06-18 09:13 - Toshi MARUYAMA

Merged r14329 from trunk to 3.0-stable (#19252)

Gemfile: use jdbc-sqlite3 version >= 3.8.10.1.

sqlite-jdbc was updated to 3.8.10.1 in upstream.

<https://github.com/rjruby/activerecord-jdbc-adapter/commit/f7a20b0d577fad569d6f375d3b8f1e63dd02266b>

Revision 14331 - 2015-06-18 09:16 - Toshi MARUYAMA

Merged r14329 from trunk to 2.6-stable (#19252)

Gemfile: use jdbc-sqlite3 version >= 3.8.10.1.

sqlite-jdbc was updated to 3.8.10.1 in upstream.

<https://github.com/rjruby/activerecord-jdbc-adapter/commit/f7a20b0d577fad569d6f375d3b8f1e63dd02266b>

History

#1 - 2015-03-03 12:16 - Toshi MARUYAMA

- Status changed from *New* to *Confirmed*

- Target version set to *3.0.1*

Confirmed.

I tried Rails 4.2.1.rc3, but no changes.

sqlite3: 3.8.8

Ruby: ruby 1.9.3p551 (2014-11-13 revision 48407) [x86_64-linux]

#2 - 2015-03-03 12:28 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

sqlite3: 3.8.8

Ruby: ruby 1.9.3p551 (2014-11-13 revision 48407) [x86_64-linux]

On CentOS6 replaced at [#19106#note-8](#).

#3 - 2015-03-03 13:33 - Toshi MARUYAMA

I can reproduce on Windows ruby 1.9.3p551 (2014-11-13) [i386-mingw32].

It seems it uses sqlite3 >= 3.8.7.1.

<https://github.com/sparklemotion/sqlite3-ruby/blame/970eea5dcdc3017ff485/tasks/native.rake#L8>

#4 - 2015-03-08 11:49 - Jean-Philippe Lang

- Target version changed from *3.0.1* to *Candidate for next minor release*

Adding some debug info in IssueQuery#issues shows that ActiveRecord does not return the results in the correct order (while doing a #pluck does):

```
puts scope.pluck(:tracker_id)*','  
puts scope.to_a.map(&:tracker_id)*','
```

gives:

```
3,2,2,1,1,1,1,1,1  
2,2,3,1,1,1,1,1,1
```

The query that is executed has a proper ORDER BY statement: ORDER BY trackers.position DESC, issues.id DESC (trackers position equals tracker id in test fixtures). Running the query on the db manually returns the rows in the correct order so the problem is not on the database.

#5 - 2015-04-23 16:59 - Toshi MARUYAMA

- Status changed from Confirmed to Closed
- Target version deleted (Candidate for next minor release)
- Resolution set to Wont fix

This is simplified SQL.

```
SELECT "issues"."id" AS t0_r0, "issues"."tracker_id" AS t0_r1  
FROM "issues"  
LEFT OUTER JOIN "trackers" ON "trackers"."id" = "issues"."tracker_id"  
ORDER BY trackers.position
```

Tests passes on my CentOS7 sqlite3 built by sqlite-3.8.9-1.fc23.src.rpm.

```
$ sqlite3 --version  
3.8.9 2015-04-08 12:16:33 8a8ffc862e96f57aa698f93de10dee28e69f6e09
```

It seems this issues fixed in sqlite 3.8.9.

[Incorrect result when a LEFT JOIN provides the qualifying constraint for a partial index](#)

#6 - 2015-04-24 18:50 - Toshi MARUYAMA

- Resolution deleted (Wont fix)

#7 - 2015-07-01 10:40 - Toshi MARUYAMA

- Category set to Database