

## Redmine - Defect #29581

### Issues in paginated views may be lost because sorting criteria are not unique

2018-09-10 07:37 - Mizuki ISHIKAWA

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Issues list	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 4.1.0	<b>Affected version:</b>
<b>Resolution:</b>	
<b>Description</b>	
<p>This is a problem that the issue that should be present is not displayed on the issues/index. The same problem may exist even at index other than issues/index.</p> <p>This problem occurs when using PostgreSQL. If you use only non-unique fields such as trackers or categories as the sorting criteria, there is a possibility that some issues will not be displayed on pagination views.</p> <p>This phenomenon is described in the document of PostgreSQL. (As a specification rather than a bug) <a href="https://www.postgresql.org/docs/8.3/static/queries-limit.html">https://www.postgresql.org/docs/8.3/static/queries-limit.html</a></p> <p>Questions about the same problem: <a href="https://stackoverflow.com/questions/13580826/postgresql-repeating-rows-from-limit-offset">https://stackoverflow.com/questions/13580826/postgresql-repeating-rows-from-limit-offset</a></p> <p>I attached file is the test I wrote to reproduce this problem. If you are using PostgreSQL, that test will fail. ( Non-paginated issue ids and paginated issue ids should be the same. )</p> <p>Failure:</p> <pre>--- expected +++ actual @@ -1 +1 @@ -[2, 12, 11, 8, 7, 5, 3, 1, 13] # Non-paginated issue ids +[11, 12, 12, 7, 7, 5, 3, 1, 13] # Paginated issue ids</pre>	

#### History

##### #1 - 2018-09-20 10:22 - Mizuki ISHIKAWA

- File *fix-29581.patch* added

I wrote a patch to solve this problem.

I fixed to add unique fields (ex: issues.id, time\_entries.id) as sort criteria.

##### #2 - 2018-10-01 11:09 - Go MAEDA

- Target version set to 4.1.0

Setting target version to 4.1.0.

## Files

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add-test-that-fails-when-using-postgresql.patch	877 Bytes	2018-09-10	Mizuki ISHIKAWA
fix-29581.patch	3.36 KB	2018-09-20	Mizuki ISHIKAWA