Redmine - Defect #32404

Group results is different between MySQL and PostgreSQL

2019-11-04 15:56 - Simon Hori

Status:	New		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Issues filter		**Estimated time:**	0.00 hour
Target version:				
Resolution:			**Affected version:**	

Description

Recently we've migrated a huge DB from MySQL to PostgreSQL. And noticed a small difference with **Group results by** function.

As you see the screenshot below, MySQL shows **(blank)** group **first** but PostgreSQL shows **(blank)** group **last**.

PostgreSQL-MySQL-NULL.png
I guess it is because `NULLS LAST` is the default for ASC order in PostgreSQL.
Can you enforce `NULLS FIRST` in the SQL query to postgres?
https://www.postgresql.org/docs/8.3/queries-order.html

We believe that it would be very much appreciated since many of our users want to group issues by assignee to find unassigned issues. Also it would be nice if Redmine works consistently irrespective of db engines.

```
Redmine version                3.4.11.stable
Ruby version                   2.4.6-p354 (2019-04-01) [x86_64-linux]
Rails version                  4.2.11.1
Database adapter               PostgreSQL
```

Thank you.

Related issues:

Related to Redmine - Patch #25066: Sort order with null placement (NULLS FIRS...		**New**

History

#1 - 2019-11-04 16:00 - Simon Hori

I found a patch #25066 which is for a similar point but it is doing more than fixing the diff.

#2 - 2019-11-04 16:08 - Marius BĂLTEANU

- Related to Patch #25066: Sort order with null placement (NULLS FIRST, NULLS LAST) added

#3 - 2019-11-19 09:41 - Yuichi HARADA

https://www.redmine.org/builds/logs/build_trunk_postgresql_ruby-2.6_803.html
I think the reason why the test failed with TimelogControllerTest#test_index_grouped_by_issue is the same.

Files

PostgreSQL-MySQL-NULL.png	94.8 KB	2019-11-04	Simon Hori