Redmine - Patch #22850

Speedup remove_inherited_roles

2016-05-19 10:18 - Pavel Rosický

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Jean-Philippe Lang	**% Done:**	0%
Category:	Performance	**Estimated time:**	0.00 hour
Target version:	3.4.0		

Description

```
Environment:
  Redmine version              3.2.2.devel
  Ruby version                 2.1.5-p273 (2014-11-13) [x64-mingw32]
  Rails version                4.2.6
  Environment                  production
  Database adapter             Mysql2
SCM:
  Git                          2.8.1
  Filesystem
Redmine plugins:
  no plugin installed
```

I made an optimalization to avoid these queries, that reliably kills the application if there are many member roles.

SELECT `member_roles`.* FROM `member_roles` WHERE `member_roles`.`inherited_from` = ?

This table was retrieved with a full table scan, which is often quite bad for performance, unless you only retrieve a few rows.
The table was retrieved with this index:
No index was used in this part of the query.
You can speed up this query by querying only fields that are within the index. Or you can create an index that includes every field in your query, including the primary key.
Approximately 1224500 rows of this table were scanned.

Related issues:

Related to Redmine - Defect #19179: Very slow performance on editing issues w...	**Closed**

Associated revisions

Revision 15883 - 2016-10-02 13:45 - Jean-Philippe Lang

Speedup remove_inherited_roles (#22850).

Patch by Pavel Rosický.

History

#1 - 2016-05-25 18:19 - Pavel Rosický

- File patches.patch added

#2 - 2016-05-25 18:22 - Pavel Rosický

- File patches.patch added

#3 - 2016-05-25 18:23 - Pavel Rosický

- File patches20160525.patch added

#4 - 2016-06-14 06:33 - Toshi MARUYAMA

- Related to Defect #19179: Very slow performance on editing issues when projects have inherit members checked added

#5 - 2016-06-14 06:34 - Toshi MARUYAMA

- Description updated

#6 - 2016-06-14 06:40 - Toshi MARUYAMA

- Target version set to 3.4.0

LGTM.

#7 - 2016-10-02 13:45 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

Patch committed, thanks.

Files

patches.patch	1.54 KB	2016-05-19	Pavel Rosický
patches.patch	1.54 KB	2016-05-25	Pavel Rosický
patches.patch	1.54 KB	2016-05-25	Pavel Rosický
patches20160525.patch	1.49 KB	2016-05-25	Pavel Rosický