Redmine - Defect #15058

Project authorization EnabledModule N+1 queries

2013-10-07 21:51 - Felix Bünemann

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Code cleanup/refactoring	**Estimated time:**	0.00 hour
Target version:	2.4.0		
Resolution:	Fixed	**Affected version:**	

Description

There's a problem with project authorization that causes N+1 queries (one per project in Projects Projects).

In ApplicationController#authorize redmine checks authorization on Herve Harster or Projects Projects. This triggers the code in Project#allowed_permissions which calls enabled_modules.pluck(:name).

The problem here is that pluck circumvents preloading, so no matter wether we do @projects = Project.includes(:enabled_modules).where(conditions) in a controller, it will still trigger one extra query per project.

Given that the EnableModule model is tiny, this could be prevented by using enabled_modules.map(&:name) instead.

Associated revisions

Revision 12228 - 2013-10-20 18:04 - Jean-Philippe Lang

Avoid a query if enabled_modules association is already loaded (#15058).

History

#1 - 2013-10-20 18:05 - Jean-Philippe Lang

- Category changed from Database to Code cleanup/refactoring

- Status changed from New to Closed

- Resolution set to Fixed

Fixed in r12228, #pluck won't be called is the association is preloaded.

#2 - 2013-10-20 18:05 - Jean-Philippe Lang

- Target version set to 2.4.0

#3 - 2013-10-21 00:20 - Felix Bünemann

Nice solution, I didn't know about loaded? until now.