Redmine - Patch #43214

Optimize Project.allowed_to_condition by replacing `projects.status <> ...` with `projects.status IN (...)`

2025-09-16 11:55 - Go MAEDA

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

Description

The attached patch replaces the condition projects.status <> ... with the equivalent projects.status IN (...) in the Project.allowed_to_condition method.

This change makes the SQL clearer and may improve performance, since IN (...) is generally more optimizer-friendly than a combination of <> conditions. A performance benefit of this approach was also observed during the investigation of #40728 (see #40728#note-17 and #40728#note-18).

History

#1 - 2025-09-16 11:57 - Go MAEDA

- Subject changed from Optimize Project.allowed_to_condition by `replacing projects.status <> ...` with `projects.status IN (...)` to Optimize Project.allowed_to_condition by replacing `projects.status <> ...` with `projects.status IN (...)`

#2 - 2025-09-16 13:57 - Holger Just

Looks good to me, thanks!

Files

improve-allowed_to_condition.patch	650 Bytes	2025-09-16	Go MAEDA