Redmine - Feature #36505

Reduce database queries when rendering Custom fields box in the project settings tab

2022-01-23 13:56 - Go MAEDA

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Go MAEDA	**% Done:**	0%
Category:	Performance	**Estimated time:**	0.00 hour
Target version:	5.0.0		
Resolution:			

Description

Currently, rendering Custom fields box in the project settings tab generates SQL statements as many as the number of available issue custom fields. The attached patch improves the code to generate only one SQL statement.

Before:

```
  IssueCustomField Exists? (0.3ms)  SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."ty
pe" = ? AND (is_for_all = 1 OR id IN (S
ELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND
"custom_fields"."id" = ? LIMIT ?  [["ty
pe", "IssueCustomField"], ["id", 2], ["LIMIT", 1]]
  ↳ app/views/projects/settings/_issues.html.erb:26
  IssueCustomField Exists? (0.3ms)  SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."ty
pe" = ? AND (is_for_all = 1 OR id IN (S
ELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND
"custom_fields"."id" = ? LIMIT ?  [["ty
pe", "IssueCustomField"], ["id", 1], ["LIMIT", 1]]
  ↳ app/views/projects/settings/_issues.html.erb:26
  IssueCustomField Exists? (0.2ms)  SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."ty
pe" = ? AND (is_for_all = 1 OR id IN (S
ELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND
"custom_fields"."id" = ? LIMIT ?  [["ty
pe", "IssueCustomField"], ["id", 6], ["LIMIT", 1]]
  ↳ app/views/projects/settings/_issues.html.erb:26
  IssueCustomField Exists? (0.2ms)  SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."ty
pe" = ? AND (is_for_all = 1 OR id IN (S
ELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND
"custom_fields"."id" = ? LIMIT ?  [["ty
pe", "IssueCustomField"], ["id", 8], ["LIMIT", 1]]
  ↳ app/views/projects/settings/_issues.html.erb:26
  IssueCustomField Exists? (0.3ms)  SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."ty
pe" = ? AND (is_for_all = 1 OR id IN (S
ELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND
"custom_fields"."id" = ? LIMIT ?  [["ty
pe", "IssueCustomField"], ["id", 9], ["LIMIT", 1]]
  ↳ app/views/projects/settings/_issues.html.erb:26
```

After:

```
   (0.3ms)  SELECT "custom_fields"."id" FROM "custom_fields" WHERE "custom_fields"."type" = ? AND
(is_for_all = 1 OR id IN (SELECT DISTIN
CT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) ORDER BY "custom
_fields"."position" ASC  [["type", "Iss
ueCustomField"]]
  ↳ app/views/projects/settings/_issues.html.erb:24
```

Associated revisions

Revision 21411 - 2022-02-14 09:08 - Go MAEDA

Reduce database queries when rendering Custom fields box in the project settings tab (#36505).

Patch by Go MAEDA.

History

#1 - 2022-01-24 13:57 - Go MAEDA

- Target version set to 5.0.0

Setting the target version to 5.0.0.

#2 - 2022-02-14 09:08 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch.

#3 - 2022-03-27 05:03 - Go MAEDA

- Tracker changed from Patch to Feature

Files

reduce-database-query-project-settings.patch	1007 Bytes	2022-01-23	Go MAEDA