# Redmine - Feature #36505

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

### 2022-01-23 13:56 - Go MAEDA

<table>
<thead>
<tr>
<th>Status</th>
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<th>Start date:</th>
<th>Due date:</th>
<th>% Done:</th>
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<td>Priority</td>
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<tr>
<td>Assignee</td>
<td>Go MAEDA</td>
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<td>Resolution</td>
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**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"."type" = ? AND (is_for_all = 1 OR id IN (SELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND "custom_fields"."id" = ? LIMIT ? ["type", "IssueCustomField"], ["id", 2], ["LIMIT", 1]]
```

Before View:

```
app/views/projects/settings/_issues.html.erb:26
```

```
IssueCustomField Exists? (0.2ms) SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."type" = ? AND (is_for_all = 1 OR id IN (SELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND "custom_fields"."id" = ? LIMIT ? ["type", "IssueCustomField"], ["id", 6], ["LIMIT", 1]]
```

Before View:

```
app/views/projects/settings/_issues.html.erb:26
```

```
IssueCustomField Exists? (0.3ms) SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."type" = ? AND (is_for_all = 1 OR id IN (SELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND "custom_fields"."id" = ? LIMIT ? ["type", "IssueCustomField"], ["id", 8], ["LIMIT", 1]]
```

Before View:

```
app/views/projects/settings/_issues.html.erb:26
```

```
IssueCustomField Exists? (0.3ms) SELECT 1 AS one FROM "custom_fields" WHERE "custom_fields"."type" = ? AND (is_for_all = 1 OR id IN (SELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) AND "custom_fields"."id" = ? LIMIT ? ["type", "IssueCustomField"], ["id", 9], ["LIMIT", 1]]
```

Before View:

```
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
```

**After View:**

```
app/views/projects/settings/_issues.html.erb:26
```
(SELECT DISTINCT cfp.custom_field_id FROM custom_fields_projects cfp WHERE cfp.project_id = 1)) ORDER BY "custom_fields"."position" ASC [["type", "IssueCustomField"]]

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