

## Redmine - Feature #42144

### Optimize IssuesController#show by skipping time tracking queries when disabled

2025-01-22 23:30 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Performance	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	6.1.0		
<b>Resolution:</b>	Fixed		

#### Description

Currently, when the `time_tracking` module is disabled, the `IssuesController#show` action still attempts to load `TimeEntryActivity` records and related data, as shown below.

The attached patch improves the `IssuesController#show` action by ensuring that queries related to `TimeEntryActivity` and time tracking data are only executed when the `time_tracking` module is enabled for the project. By adding a condition to check the module's status, the patch eliminates unnecessary database queries.

```
TimeEntryActivity Pluck (0.0ms)  SELECT "enumerations"."parent_id" FROM "enumerations" WHERE "en
umerations"."type" = ? AND "enumerations"."project_id" = ? ORDER BY "enumerations"."position" ASC
 [{"type", "TimeEntryActivity"}, [{"project_id", 5}]
  ↳ app/models/project.rb:269:in `activities'
Member Load (0.1ms)  SELECT "members".* FROM "members" INNER JOIN "projects" ON "projects"."id"
= "members"."project_id" WHERE "members"."user_id" = ? AND "projects"."status" != ? AND "members".
"project_id" = ? ORDER BY "members"."id" ASC LIMIT ? [{"user_id", 1}, {"status", 9}, {"project_id
", 5}, {"LIMIT", 1}]
  ↳ app/models/user.rb:601:in `block in membership'
Role Load (0.1ms)  SELECT DISTINCT "roles".* FROM "roles" INNER JOIN "member_roles" ON "roles"."
id" = "member_roles"."role_id" WHERE "member_roles"."member_id" = ? AND "roles"."default_time_entr
y_activity_id" IS NOT NULL [{"member_id", 8}]
  ↳ app/models/time_entry_activity.rb:68:in `sort'
TimeEntryActivity Load (0.1ms)  SELECT "enumerations".* FROM "enumerations" WHERE "enumerations"
."type" = ? AND "enumerations"."is_default" = ? ORDER BY "enumerations"."position" ASC LIMIT ? [{"
"type", "TimeEntryActivity"}, [{"is_default", 1}, {"LIMIT", 1}]
  ↳ app/models/enumeration.rb:53:in `default'
CACHE TimeEntryActivity Pluck (0.0ms)  SELECT "enumerations"."parent_id" FROM "enumerations" WHE
RE "enumerations"."type" = ? AND "enumerations"."project_id" = ? ORDER BY "enumerations"."position
" ASC [{"type", "TimeEntryActivity"}, [{"project_id", 5}]
  ↳ app/models/project.rb:269:in `activities'
TimeEntryActivity Load (0.1ms)  SELECT "enumerations".* FROM "enumerations" WHERE "enumerations"
."type" = ? AND (enumerations.project_id IS NULL OR enumerations.project_id = ?) AND "enumerations
"."active" = ? ORDER BY "enumerations"."position" ASC [{"type", "TimeEntryActivity"}, [nil, 5], [
"active", 1]]
  ↳ app/models/time_entry_activity.rb:28:in `default'
CACHE TimeEntryActivity Pluck (0.0ms)  SELECT "enumerations"."parent_id" FROM "enumerations" WHE
RE "enumerations"."type" = ? AND "enumerations"."project_id" = ? ORDER BY "enumerations"."position
" ASC [{"type", "TimeEntryActivity"}, [{"project_id", 5}]
  ↳ app/models/project.rb:269:in `activities'
TimeEntryActivity Exists? (0.1ms)  SELECT 1 AS one FROM "enumerations" WHERE "enumerations"."typ
e" = ? AND (enumerations.project_id IS NULL OR enumerations.project_id = ?) AND "enumerations"."ac
tive" = ? AND "enumerations"."id" = ? LIMIT ? [{"type", "TimeEntryActivity"}, [nil, 5], [{"active"
, 1}, {"id", 10}, {"LIMIT", 1}]
  ↳ app/models/time_entry_activity.rb:28:in `default'
CACHE TimeEntryActivity Load (0.0ms)  SELECT "enumerations".* FROM "enumerations" WHERE "enumera
tions"."type" = ? AND "enumerations"."is_default" = ? ORDER BY "enumerations"."position" ASC LIMIT
? [{"type", "TimeEntryActivity"}, [{"is_default", 1}, {"LIMIT", 1}]
  ↳ app/models/enumeration.rb:53:in `default'
TimeEntryActivity Count (0.1ms)  SELECT COUNT(*) FROM "enumerations" WHERE "enumerations"."type"
= ? AND (enumerations.project_id IS NULL OR enumerations.project_id = ?) AND "enumerations"."acti
ve" = ? [{"type", "TimeEntryActivity"}, [nil, 5], [{"active", 1}]
  ↳ app/models/time_entry_activity.rb:82:in `default_activity_id'
CACHE TimeEntryActivity Load (0.0ms)  SELECT "enumerations".* FROM "enumerations" WHERE "enumera
```

```
tions"."type" = ? AND (enumerations.project_id IS NULL OR enumerations.project_id = ?) AND "enumerations"."active" = ? ORDER BY "enumerations"."position" ASC [{"type", "TimeEntryActivity"}, [nil, 5], ["active", 1]]
↳ app/models/time_entry_activity.rb:87:in `detect'
```

## Associated revisions

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### Revision 23463 - 2025-01-25 09:18 - Go MAEDA

Optimize IssuesController#show by skipping time tracking queries when disabled (#42144).

Patch by Go MAEDA (user:maeda).

## History

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### #1 - 2025-01-24 00:38 - Go MAEDA

- Target version changed from Candidate for next major release to 6.1.0

Setting the target version to 6.1.0.

### #2 - 2025-01-25 09:20 - Go MAEDA

- Tracker changed from Patch to Feature

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch in [r23463](#).

## Files

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optimize-issues-controller-show.patch	1012 Bytes	2025-01-22	Go MAEDA
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