Hi,

MembersController#index should preload the principal and roles of the members.

When this data is not preloaded, iterating over the @members array in app/views/members/index.api.rsb causes a lot of database queries.

A patch is attached.

Thanks,
Thomas

Preload principal and roles in members#index (#35324).

Patch by Thomas Löber.

- Target version set to Candidate for next major release

Before:

Started GET "/projects/ecookbook/memberships.json" for 127.0.0.1 at 2021-06-02 09:15:54 +0900
Processing by MembersController#index as JSON
  Parameters: {"project_id">"ecookbook"}
  (0.2ms) SELECT MAX("settings","updated_on") FROM "settings"
After:

```
{{collapse

Started GET "/projects/ecookbook/memberships.json" for 127.0.0.1 at 2021-06-02 09:14:25 +0900
Processing by MembersController#index as JSON
  Parameters: {"project_id"=>"ecookbook"}
    (0.2ms)  SELECT MAX("settings"."updated_on") FROM "settings"
AnonymousUser Load (0.2ms)  SELECT "users"."*" FROM "users" WHERE "users"."type" = ? AND "users"."lastname" = ? LIMIT ? [{"type", "AnonymousUser"}, ["lastname", "Anonymous"], ["LIMIT", 1]]
  Current user: anonymous
FilterRule Load (0.1ms)  SELECT "settings"."*" FROM "settings" WHERE "settings"."name" = ? ORDER BY "settings"."id" DESC LIMIT ? [{"name", "plugin_redmine_ip_filter"}, ["LIMIT", 1]]
Project Load (0.1ms)  SELECT "projects"."*" FROM "projects" WHERE "projects"."identifier" = ? LIMIT ? [{"identifier", "ecookbook"}, ["LIMIT", 1]]
  (0.2ms)  SELECT "enabled_modules"."name" FROM "enabled_modules" WHERE "enabled_modules"."project_id" = ? [{"project_id", 1}]
Role Load (0.1ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."builtin" = ? LIMIT ? [{"builtin", 2}, ["LIMIT", 1]]
Member Load (0.3ms)  SELECT "members"."*" FROM "members" INNER JOIN "users" ON "users"."id" = "members"."user_id" WHERE "members"."project_id" = ? AND "users"."type" IN (?, ?) [{"project_id", 1}, [nil, "GroupAnonymous"], [nil, "GroupNonMember"]]
  (0.2ms)  SELECT COUNT(*) FROM "members" WHERE "members"."project_id" = ? [{"project_id", 1}]  
Member Load (0.2ms)  SELECT "members"."*" FROM "members" WHERE "members"."project_id" = ? ORDER BY "members"."id" ASC LIMIT ? OFFSET ? [{"project_id", 1}, ["LIMIT", 25], ["OFFSET", 0]]
Principal Load (0.4ms)  SELECT "users"."*" FROM "users" WHERE "users"."id" IN (?, ?, ?, ?, ?, ?, ?, ?, ?) [nil, 2], [nil, 3], [nil, 5], [nil, 1], [nil, 4], [nil, 7], [nil, 8], [nil, 9]
MemberRole Load (0.3ms)  SELECT "member_roles"."*" FROM "member_roles" WHERE "member_roles"."member_id" IN (?, ?, ?, ?, ?, ?, ?) [nil, 1], [nil, 2], [nil, 4], [nil, 11], [nil, 12], [nil, 13], [nil, 14], [nil, 15]
Role Load (0.2ms)  SELECT DISTINCT "roles"."*" FROM "roles" WHERE "roles"."id" IN (?, ?) [nil, 1], [nil, 2]
Rendering members/index.api.rsb
Role Load (0.1ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 1}, ["LIMIT", 1]]
Role Load (0.1ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
CACHE Role Load (0.0ms)  SELECT "roles"."*" FROM "roles" WHERE "roles"."id" = ? LIMIT ? [{"id", 2}, ["LIMIT", 1]]
Rendered members/index.api.rsb (Duration: 12.0ms | Allocations: 2731)
Completed 200 OK in 37ms (Views: 12.3ms | ActiveRecord: 2.8ms | Allocations: 7396)

}}

#2 - 2021-06-03 07:11 - Go MAEDA
- Target version changed from Candidate for next major release to 5.0.0

Setting the target version to 5.0.0.

#3 - 2021-06-27 09:42 - Go MAEDA
- Status changed from New to Closed
- Assignee set to Go MAEDA

2022-03-28 3/4
Committed the patch. Thank you for your contribution.

#4 - 2022-03-27 05:03 - Go MAEDA
- Tracker changed from Patch to Feature

Files

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<th>Size</th>
<th>Date</th>
<th>Author</th>
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<td>741 Bytes</td>
<td>2021-05-28</td>
<td>Thomas Löber</td>
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