Redmine - Patch #38474
Preload default_status when listing trackers

2023-04-20 03:30 - Go MAEDA

Status: Closed
Priority: Normal
Assignee: Go MAEDA
Category: Performance
Target version: 5.1.0

Description
The patch fixes N+1 issue in TrackersController#index.

diff --git a/app/controllers/trackers_controller.rb b/app/controllers/trackers_controller.rb
index 64367f373..05ef336ef 100644
--- a/app/controllers/trackers_controller.rb
+++ b/app/controllers/trackers_controller.rb
@@ -26,7 +26,7 @@ class TrackersController < ApplicationController

    @trackers = Tracker.sorted.preload(:default_status).to_a

Before:
Tracker Load (0.1ms) SELECT "trackers".* FROM "trackers" ORDER BY "trackers"."position" ASC
↓ app/controllers/trackers_controller.rb:29:in `index'
Rendering trackers/index.api.rsb
IssueStatus Load (0.1ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 1], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6
IssueStatus Load (0.1ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 2], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6
CACHE IssueStatus Load (0.0ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 1], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6
CACHE IssueStatus Load (0.0ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 2], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6
CACHE IssueStatus Load (0.0ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 5], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6
CACHE IssueStatus Load (0.0ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" = ? LIMIT ? 
["id", 3], ["LIMIT", 1]
↓ app/views/trackers/index.api.rsb:6

After:
Tracker Load (0.2ms) SELECT "trackers".* FROM "trackers" ORDER BY "trackers"."position" ASC
↓ app/controllers/trackers_controller.rb:29:in `index'
IssueStatus Load (0.6ms) SELECT "issue_statuses".* FROM "issue_statuses" WHERE "issue_statuses"."id" IN (? , ?, ?, ?) 
["id", 1], ["id", 2], ["id", 5], ["id", 3]
↓ app/controllers/trackers_controller.rb:29:in `index'
Associated revisions
Revision 22208 - 2023-04-22 03:12 - Go MAEDA
Preload default_status when listing trackers (#38474).
Patch by Go MAEDA.

History
#1 - 2023-04-20 23:49 - Go MAEDA
- Target version changed from Candidate for next major release to 5.1.0

Setting the target version to 5.1.0.

#2 - 2023-04-22 03:12 - Go MAEDA
- Status changed from New to Closed
- Assignee set to Go MAEDA

Committed the patch in r22208.