

Optimize retrieve_previous_and_next_issue_ids

2022/05/09 17:57 - Admin Redmine

ステータス:	New	開始日:	2022/05/09
優先度:	通常	期日:	
担当者:		進捗率:	0%
カテゴリ:	Code cleanup/refactoring_30	予定工数:	0.00時間
対象バージョン:		作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/22594	status_id:	1
category_id:	30	tracker_id:	2
version_id:	0	plus1:	0
issue_org_id:	22594	affected_version:	
author_id:	36999	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	3		

説明

On our Redmine instance the retrieve_previous_and_next_issue_ids method is the one that slows the request rendering.

```
issue_ids = @query.issue_ids(:order => sort_clause, :limit => (limit + 1), :include => [:assigned_to, :tracker, :priority, :category, :fixed_version])
```

generates a bunch of issues SELECT that are pretty slow :

```
23.42.45.336 28073: SQL (0.3ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id` AS t0_r2, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6, `issues`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r10, `issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS t0_r14, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id` AS t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `issues`.`closed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2, `issue_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`.`id` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in_ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name` AS t3_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id` AS t3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status` AS t3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1226 AND `projects`.`status` <> 9 AND `projects`.`id` IN (SELECT `em`.`project_id` FROM `enabled_modules` `em` WHERE `em`.`name`='issue_tracking') ((`projects`.`id` IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((`issues`.`is_private` = 0 OR `issues`.`author_id` = 1281 OR `issues`.`assigned_to_id` IN (1281,1298,3895)))))) )
```

```
23.42.45.527 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id` AS t0_r2, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6, `issues`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r10, `issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS t0_r14, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id` AS t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `issues`.`closed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2, `issue_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`.`id` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in_ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name` AS t3_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id` AS t3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status` AS t3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1262 AND `projects`.`status` <> 9 AND `projects`.`id` IN (SELECT `em`.`project_id` FROM `enabled_modules` `em` WHERE `em`.`name`='issue_tracking') ((`projects`.`id` IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((`issues`.`is_private` = 0 OR `issues`.`author_id` = 1281 OR `issues`.`assigned_to_id` IN (1281,1298,3895)))))) )
```

```

ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) )
23.42.45.532 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `tracker
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1252 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) )
23.42.45.538 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `tracker
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1261 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) )
23.42.45.549 28073: SQL (0.4ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `tracker
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1243 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) )
23.42.45.553 28073: SQL (0.1ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is

```

```

osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1263 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895))))))
23.42.45.558 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1227 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895))))))
23.42.45.565 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1249 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,124
8,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.
author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895))))))
23.42.45.569 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id`
, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6
s`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_
issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS
4, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id`
t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `is
osed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2,
e_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`
d` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in
ap` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name
_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id`
3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status`
3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT
JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `is
acker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1228 AND
ects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'

```

```
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) ))
23.42.45.576 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id` AS t0_r2, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6, `issues`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r10, `issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS t0_r14, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id` AS t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `issues`.`closed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2, `issue_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`.`id` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in_chlog` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name` AS t3_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id` AS t3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status` AS t3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1260 AND `issues`.`status` <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking')
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) ))
23.42.45.582 28073: SQL (0.1ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id` AS t0_r2, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6, `issues`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r10, `issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS t0_r14, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id` AS t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `issues`.`closed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2, `issue_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`.`id` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in_chlog` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name` AS t3_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id` AS t3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status` AS t3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1238 AND `issues`.`status` <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking')
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) ))
23.42.45.587 28073: SQL (0.2ms) SELECT `issues`.`id` AS t0_r0, `issues`.`tracker_id` AS t0_r1, `issues`.`project_id` AS t0_r2, `issues`.`subject` AS t0_r3, `issues`.`description` AS t0_r4, `issues`.`due_date` AS t0_r5, `issues`.`category_id` AS t0_r6, `issues`.`status_id` AS t0_r7, `issues`.`assigned_to_id` AS t0_r8, `issues`.`priority_id` AS t0_r9, `issues`.`fixed_version_id` AS t0_r10, `issues`.`author_id` AS t0_r11, `issues`.`lock_version` AS t0_r12, `issues`.`created_on` AS t0_r13, `issues`.`updated_on` AS t0_r14, `issues`.`start_date` AS t0_r15, `issues`.`done_ratio` AS t0_r16, `issues`.`estimated_hours` AS t0_r17, `issues`.`parent_id` AS t0_r18, `issues`.`root_id` AS t0_r19, `issues`.`lft` AS t0_r20, `issues`.`rgt` AS t0_r21, `issues`.`is_private` AS t0_r22, `issues`.`closed_on` AS t0_r23, `issue_statuses`.`id` AS t1_r0, `issue_statuses`.`name` AS t1_r1, `issue_statuses`.`is_closed` AS t1_r2, `issue_statuses`.`is_default` AS t1_r3, `issue_statuses`.`position` AS t1_r4, `issue_statuses`.`default_done_ratio` AS t1_r5, `trackers`.`id` AS t2_r0, `trackers`.`name` AS t2_r1, `trackers`.`is_in_chlog` AS t2_r2, `trackers`.`position` AS t2_r3, `trackers`.`is_in_chlog` AS t2_r4, `trackers`.`mandatory` AS t2_r5, `trackers`.`fields_bits` AS t2_r6, `projects`.`id` AS t3_r0, `projects`.`name` AS t3_r1, `projects`.`description` AS t3_r2, `projects`.`homepage` AS t3_r3, `projects`.`is_public` AS t3_r4, `projects`.`parent_id` AS t3_r5, `projects`.`created_on` AS t3_r6, `projects`.`updated_on` AS t3_r7, `projects`.`identifier` AS t3_r8, `projects`.`status` AS t3_r9, `projects`.`lft` AS t3_r10, `projects`.`rgt` AS t3_r11, `projects`.`inherit_members` AS t3_r12 FROM `issues` LEFT JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id` LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id` LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id` WHERE `issues`.`project_id` = 1235 AND `issues`.`status` <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking')
((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) ))
```

journals

What is slow is the issue display.

The scope parameters :

```
WHERE 0 ((projects.status <> 9 AND projects.id IN (SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'))
```

```
_tracking')) AND ((projects.id IN (11,141,144,433,742,919,1214,1226,1227,1228,1229,1233,1234,1235,1238,1240,1241,1243,1246,1247,1248,1249,1250,1251,1252,1255,1256,1257,1259,1260,1261,1262,1263,1265,1266,1267) AND ((issues.is_private = 0 OR issues.author_id = 1281 OR issues.assigned_to_id IN (1281,1298,3895)))))) )
1 (issues.status_id IN (SELECT id FROM issue_statuses WHERE is_closed=0)) AND (issues.tracked
projects.id IN (1226,1262,1263,1252,1261,1235,1227,1249,1228,1243,1260,1238,1244,1258)
INCLUDES [:project, :assigned_to, :priority, :category, :fixed_version]
JOINS [:status, :project]
ORDER ["issues.root_id", "issues.lft ASC"]
```

I suppose that what is slow is the Issues and related models loading, but we don't need all the members because here we only need the issues ids.
I tried to replace the includes by joins with no success.

Has someone an idea ? preload ? select ?

履歴

- #1 - 2022/05/10 17:07 - Admin Redmine
- カテゴリ を Code cleanup/refactoring_30 にセット