Redmine - Defect #16091

Export CSV with many custom field runs many queries

2014-02-13 14:45 - Johan Guilbaud

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Jean-Philippe Lang		**% Done:**	0%
Category:	Custom fields		**Estimated time:**	0.00 hour
Target version:	2.5.0			
Resolution:	Fixed		**Affected version:**	2.4.2

Description

Hello!

When exporting issues in CSV with lot of custom field (more than 20) it's very slow. We've made an audit and we have found there are many sql requests like that : (we use mysql)

140127 16:38:49   2 Query   SELECT `issues`.* FROM `issues` WHERE `issues`.`id` = 35006 LIMIT 1
2 Query   SELECT `issue_relations`.* FROM `issue_relations` WHERE `issue_relations`.`issue_from_id` = 35007
2 Query   SELECT `issue_relations`.* FROM `issue_relations` WHERE `issue_relations`.`issue_to_id` = 35007
2 Query   SELECT `custom_values`.`id` AS t0_r0, `custom_values`.`customized_type` AS t0_r1, `custom_values`.`customized_id` AS t0_r2, `custom_values`.`custom_field_id` AS t0_r3, `custom_values`.`value` AS t0_r4, `custom_fields`.`id` AS t1_r0, `custom_fields`.`type` AS t1_r1, `custom_fields`.`name` AS t1_r2, `custom_fields`.`field_format` AS t1_r3, `custom_fields`.`possible_values` AS t1_r4, `custom_fields`.`regexp` AS t1_r5, `custom_fields`.`min_length` AS t1_r6, `custom_fields`.`max_length` AS t1_r7, `custom_fields`.`is_required` AS t1_r8, `custom_fields`.`is_for_all` AS t1_r9, `custom_fields`.`is_filter` AS t1_r10, `custom_fields`.`position` AS t1_r11, `custom_fields`.`searchable` AS t1_r12, `custom_fields`.`default_value` AS t1_r13, `custom_fields`.`editable` AS t1_r14, `custom_fields`.`visible` AS t1_r15, `custom_fields`.`multiple` AS t1_r16 FROM `custom_values` LEFT OUTER JOIN `custom_fields` ON `custom_fields`.`id` = `custom_values`.`custom_field_id` WHERE `custom_values`.`customized_id` = 35007 AND `custom_values`.`customized_type` = 'Issue' ORDER BY custom_fields.position

NB : there are differences in sql requests used between using a filter with all columns with doing export on selected column and no filter and doing export on all columns...

Whe are about 5 minutes to export 3300 issues with 20 customs fields...

Related issues:

Related to Redmine - Feature #16638: Optimizing CSV export	**New**

Associated revisions

Revision 12894 - 2014-02-15 09:59 - Jean-Philippe Lang

Always preload issues custom values (#16091).

Revision 12895 - 2014-02-15 10:01 - Jean-Philippe Lang

Merged r12894 (#16091).

Revision 12910 - 2014-02-22 12:19 - Jean-Philippe Lang

Preload issue relations when exporting issues to CSV with all columns (#16091).

Revision 12911 - 2014-02-22 12:21 - Jean-Philippe Lang

Preload issue authors when displayed on the issue list (#16091).

Revision 12920 - 2014-02-23 09:11 - Jean-Philippe Lang

Merged r12910 and r12911 (#16091).

History

#1 - 2014-02-15 10:00 - Jean-Philippe Lang

- Subject changed from Export CSV with many custom field to Export CSV with many custom field runs many queries

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Target version set to 2.5.0

- Resolution set to Fixed

Fixed in [r12894](#).

#2 - 2014-02-17 08:48 - Johan Guilbaud

Nice !
thanks

#3 - 2014-02-19 11:15 - Johan Guilbaud

i applied patch but i still have thousand of sql requests like :

SELECT `issue_relations`.* FROM `issue_relations` WHERE `issue_relations`.`issue_from_id` = 31071
SELECT `issue_relations`.* FROM `issue_relations` WHERE `issue_relations`.`issue_to_id` = 31071

#4 - 2014-02-22 12:24 - Jean-Philippe Lang

- Status changed from Closed to Resolved

This is fixed in [r12910](#).

#5 - 2014-02-22 12:25 - Jean-Philippe Lang

FWIW, exporting 3000 issues to CSV with all columns (including custom fields and relations) now takes about 13s.

#6 - 2014-02-23 09:16 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Merged.

#7 - 2014-02-24 09:12 - Johan Guilbaud

i've applied patches [r12910](#) & [r12911](#) but it always takes more than 5min and i still have the thousands of sql requests...

#8 - 2014-03-10 16:48 - Johan Guilbaud

Johan Guilbaud wrote:

> i've applied patches 12910 & 12911 but it always takes more than 5min and i still have the thousands of sql requests...

no answer ???

#9 - 2014-03-26 10:06 - Johan Guilbaud

I'm still waiting for a response...

thanks.

#10 - 2014-04-08 19:03 - Toshi MARUYAMA

Johan Guilbaud wrote:

> I'm still waiting for a response...

This issue was closed with target version.
Please create a new issue if you have a problem in clean Redmine.

#11 - 2014-05-11 00:36 - Toshi MARUYAMA

- Related to Feature #16638: Optimizing CSV export added