

redmineorg-copy202205 - Vote #80685

Garbage collection issue when exporting huge CSV

2022/05/09 19:01 - 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:	Issues list_58	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/32985	status_id:	1
category_id:	58	tracker_id:	1
version_id:	0	plus1:	0
issue_org_id:	32985	affected_version:	
author_id:	388654	closed_on:	
assigned_to_id:	0	affected_version_id:	153
comments:	0		

説明

I set "10000" as "Issues export limit" (instead of default "500") for some reasons, but I noticed that exporting around 10,000 issues CSV causes out of memory issue.

I thought that the cause is inside some plugins, but it seems to be happen without any plugins, and after changing the following Issues Controller part, the memory usage seems to become stable (no memory leak).

```
diff --git a/app/controllers/issues_controller.rb b/app/controllers/issues_controller.rb
index 69a947b03..6596df30c 100644
--- a/app/controllers/issues_controller.rb
+++ b/app/controllers/issues_controller.rb
@@ -63,8 +63,8 @@ class IssuesController < ApplicationController
   render_feed(@issues, :title => "#{@project} | | Setting.app_title; #{label_issue_plural}")
   }
   format.csv {
-    @issues = @query.issues(:limit => Setting.issues_export_limit.to_i)
-    send_data(query_to_csv(@issues, @query, params[:csv]), :type => 'text/csv; header=present', :filename =>
+    tmp_issues = @query.issues(:limit => Setting.issues_export_limit.to_i)
+    send_data(query_to_csv(tmp_issues, @query, params[:csv]), :type => 'text/csv; header=present', :filename
   }
   format.pdf {
     @issues = @query.issues(:limit => Setting.issues_export_limit.to_i)
```

Ruby process memory usage

Pattern	Initial	1st	2nd	3rd
Before modification	126.4 MB	1.20 GB	1.92 GB	973.4 MB
After modification	131.4 MB	1.04GB	776.3 MB	803.5 MB

I am not sure whether above modification is correct, so someone's review is quite helpful...

Here is my local reproducible environment:

- Redmine: 4.0.5
- OS: macOS Mojave
- Ruby: 2.6.5
- DB: PostgreSQL 12
- Server: Puma

Thanks,

履歴

#1 - 2022/05/10 17:01 - Admin Redmine

- カテゴリ を *Issues list_58* にセット