

Redmine Out of Memory Exception when exporting issues with lots of columns (> 50) to PDF

2022/05/09 18:05 - Admin Redmine

ステータス:	New	開始日:	2022/05/09																		
優先度:	高め	期日:																			
担当者:		進捗率:	0%																		
カテゴリ:	PDF export_39	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/23962	status_id:	1																		
category_id:	39	tracker_id:	1																		
version_id:	0	plus1:	0																		
issue_org_id:	23962	affected_version:																			
author_id:	123866	closed_on:																			
assigned_to_id:	0	affected_version_id:	110																		
comments:	5																				
説明 I was able to reproduce the bug described hereafter on a bitnami vanilla redmine install. This bug makes the server eventually run out of memory, so is quite severe in my opinion. Environment: <table><tr><td>Redmine version</td><td>3.3.0.stable</td></tr><tr><td>Ruby version</td><td>2.1.10-p492 (2016-04-01) [x86_64-linux]</td></tr><tr><td>Rails version</td><td>4.2.6</td></tr><tr><td>Environment</td><td>production</td></tr><tr><td>Database adapter</td><td>Mysql2</td></tr></table> SCM: <table><tr><td>Subversion</td><td>1.9.4</td></tr><tr><td>Cvs</td><td>1.12.13</td></tr><tr><td>Git</td><td>2.7.4</td></tr><tr><td>Filesystem</td><td></td></tr></table> Redmine plugins: no plugin installed The bug occurs when trying to export to pdf a list of issues (on the issues page) with a huge amount of columns (around 50 or more). It happens even if there is only 1 issue to export. To reproduce the bug, you can create around 40 custom fields with a random name (30 chars) / format and assign them to a tracker / project. then create an issue with random content in the fields. Then on the issues page, export to pdf with all columns included. Because anyway the pdf would not look nice with such big amount of columns, we could perhaps forbid the export if there are too many columns (lets say > 40) selected in the export. This is what I added to mitigate the error, in app/controllers/issues_controller.rb#index: <pre>if params[:format] == 'pdf' && @query.column_names.count > 40 redirect_to(:back) flash[:error] = "Please reduce the amount of columns selected." return end</pre> After further investigation, I found the problem to be located in lib/redmine/export/pdf.rb, in the RDMMultiCell method. So it may be due to RBPdf...				Redmine version	3.3.0.stable	Ruby version	2.1.10-p492 (2016-04-01) [x86_64-linux]	Rails version	4.2.6	Environment	production	Database adapter	Mysql2	Subversion	1.9.4	Cvs	1.12.13	Git	2.7.4	Filesystem	
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journals																					

I could not reproduce this problem.

The procedure I did is as follows. :

Create 1 issue with custom field.

app/models/custom_field.rb "attr_protected :id" comment out.

http://www.redmine.org/projects/redmine/repository/entry/tags/3.4.4/app/models/custom_field.rb#L38

Redmine Restart : touch tmp/restart.txt

Create many issue custom fields

You can use this command in the console: (1..60).each { |i|

```
CustomField.new(IssueCustomField.last.attributes.merge!({id:nil,name:"testooooooooooooooooooooooooooooo-#{i}", is_for_all: true})).save }
```

Go to /issues page

Choose to display every columns and apply the filter

Try to export to PDF

```
$ ruby bin/about
```

```
sh: darcs: command not found
```

```
sh: bzip2: command not found
```

Environment:

Redmine version	3.4.4.stable
Ruby version	2.1.2-p95 (2014-05-08) [i686-linux]
Rails version	4.2.8
Environment	production
Database adapter	SQLite

SCM:

Subversion	1.6.11
Mercurial	1.4
Git	1.7.12.4
Filesystem	

Redmine plugins:

no plugin installed

related issues

duplicates,Closed,28337,Problem when creating PDF with too many columns

履歴

#1 - 2022/05/10 17:06 - Admin Redmine

- カテゴリ を PDF export_39 にセット