

Redmine - Defect #23962

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

2016-09-30 11:13 - Stephane Evr

<b>Status:</b>	New	<b>Start date:</b>																			
<b>Priority:</b>	High	<b>Due date:</b>																			
<b>Assignee:</b>		<b>% Done:</b>	0%																		
<b>Category:</b>	PDF export	<b>Estimated time:</b>	0.00 hour																		
<b>Target version:</b>		<b>Affected version:</b>	3.3.0																		
<b>Description</b>																					
<p>I was able to reproduce the bug descibed hereafter on a bitnami vanilla redmine install. This bug makes the server eventually run out of memory, so is quite severe in my opinion.</p> <p>Environment:</p> <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> <p>SCM:</p> <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> <p>Redmine plugins:</p> <p>no plugin installed</p> <p>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.</p> <p>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.</p> <p>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 &gt; 40) selected in the export.</p> <p>This is what I added to mitigate the error, in app/controllers/issues_controller.rb#index:</p> <pre>if params[:format] == 'pdf' &amp;&amp; @query.column_names.count &gt; 40   redirect_to(:back)   flash[:error] = "Please reduce the amount of columns selected."   return end</pre> <p>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...</p>				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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<b>Related issues:</b>																					
Has duplicate Redmine - Defect #28337: Problem when creating PDF with too man...			Closed																		

History

#1 - 2016-09-30 12:47 - Toshi MARUYAMA

- Description updated

#2 - 2016-09-30 12:50 - Toshi MARUYAMA

- Category set to PDF export

#3 - 2016-09-30 12:50 - Toshi MARUYAMA

- Affected version set to 3.3.0

#### #4 - 2018-03-15 14:53 - Marius BĂLTEANU

- Has duplicate Defect #28337: Problem when creating PDF with too many columns added

#### #5 - 2018-03-25 10:20 - Jun NAITOH

I could not reproduce this problem.

The procedure I did is as follows. :

1. Create 1 issue with custom field.
2. 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](http://www.redmine.org/projects/redmine/repository/entry/tags/3.4.4/app/models/custom_field.rb#L38)
3. Redmine Restart : touch tmp/restart.txt
4. 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:"testooooooooooooooooooooooooo-#{i}", is\_for\_all: true})).save }
5. Go to /issues page
6. Choose to display every columns and apply the filter
7. Try to export to PDF

```
$ ruby bin/about
```

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

```
sh: bzip: 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
```