

Redmine - Defect #29230

NoMethodError in fetch_changesets

2018-07-12 17:05 - Eric Riese

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:			
Resolution:	Invalid	Affected version:	2.2.3
Description			
<p>Wish I knew what changed to cause this, but my installation has been running solidly for over 4 years and I almost never touch it and AFAIK nothing has changed about it recently, but all of the sudden I get this error.</p>			
<pre>NoMethodError (undefined method `sort' for "heads":String): app/models/repository/git.rb:142:in `fetch_changesets' app/controllers/sys_controller.rb:67:in `block (2 levels) in fetch_changesets' app/controllers/sys_controller.rb:66:in `block in fetch_changesets' app/controllers/sys_controller.rb:65:in `each' app/controllers/sys_controller.rb:65:in `fetch_changesets'</pre>			
<p>New changes fail to get processed. Manually doing a git fetch on the local mirror repo works fine.</p>			
Environment:			
Redmine version		2.2.3.stable	
Ruby version		1.9.3 (x86_64-linux)	
Rails version		3.2.12	
Environment		production	
Database adapter		Mysql2	
Redmine plugins:			
redmine_hudson		2.1.2	

History

#1 - 2018-07-12 17:16 - Eric Riese

I also get

Completed 500 Internal Server Error in 1463ms

```
NoMethodError (undefined method `sort' for "heads":String):
  app/models/repository/git.rb:142:in `fetch_changesets'
  app/controllers/repositories_controller.rb:114:in `show'
```

when clicking the Repository link.

#2 - 2018-07-12 23:19 - Eric Riese

```
$ git --version
git version 1.7.10.4
```

#3 - 2018-07-13 14:58 - Holger Just

It looks like your database contains invalid data for your repository. While I don;t know how it git into that state, you might be able to fix it.

You can edit your database from a mysql console and clear the extra_info column of the respective repository from the repositories table. After that, you can run fetch_changesets again.

#4 - 2018-07-13 23:47 - Eric Riese

That worked. Thank you very much!

extra_info was blank for whatever reason. Setting it to null worked.

This workaround was all I wanted, so I'm fine if you close this defect.

#5 - 2018-07-15 04:16 - Go MAEDA

- *Category set to SCM*
- *Status changed from New to Closed*
- *Resolution set to Invalid*

#6 - 2018-07-17 23:32 - Eric Riese

Turns out that fix only worked the first time. Now extra_info gets rebuilt the first time after setting it to null, but I get this error the next time fetch_changesets gets called.

```
ArgumentError (comparison of String with nil failed):  
  app/models/repository/git.rb:142:in `sort'  
  app/models/repository/git.rb:142:in `fetch_changesets'  
  app/controllers/sys_controller.rb:67:in `block (2 levels) in fetch_changesets'  
  app/controllers/sys_controller.rb:66:in `block in fetch_changesets'  
  app/controllers/sys_controller.rb:65:in `each'  
  app/controllers/sys_controller.rb:65:in `fetch_changesets'
```

I googled it and found [this](#) which led me to believe that I had too many branches in my repo. Lo and behold, I wasn't pruning old branches. After doing a git fetch --prune which cleared out 1047 branches, and again nulling out extra_info everything seems to be back in working order.