

Redmine - Defect #6114

Empy repository screen

2010-08-12 03:41 - Jeffrey Jones

Status:	Closed	Start date:	2010-08-12
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
<p>I recently switch Redmine from one server to another and updated it to 1.0.0-RC. This also involved moving the git repositories around.</p> <p>One the new server I deleted the repository from the project in Redmine and verified in the DB that the records were gone and the links on the issue pages are no longer present.</p> <p>I then relocated the git repository and re-added it to the project.</p> <p>I then ran rake redmine:fetch_changesets to bring all the changes back into Redmine.</p> <p>However when I visit the main "repository" page by clicking the link in the top links section, which takes me to http://10.80.89.174:40000/projects/panasonic/repository, I get a blank redmine page with the error notification:</p> <p>"The entry or revision was not found in the repository."</p> <p>instead of the overview page.</p> <p>However the records are in the DB and the links appear on the issues page. If I click a commit link from an issue then I go to the correct repository page for that commit and everything works fine.</p> <p>It is only the overview page with no parameters that fails.</p>			

History

#1 - 2010-08-12 03:43 - Jeffrey Jones

Possibly related to [#5268](#)?

#2 - 2010-08-12 16:17 - Felix Schäfer

- Priority changed from High to Normal

Jeffrey Jones wrote:

Possibly related to [#5268](#)?

What could an error on the repository page possibly have to do with some OpenID stuff?

Anyway, make sure your permissions are correct, I would suppose you see revisions because they are cached but not the repository page in itself because it tries to refresh the changesets beforehand (and fails due to permission mismatches). Can you show the content of a file from the repository in redmine?

#3 - 2010-08-12 17:54 - Jeffrey Jones

Transposed the numbers; meant to say [#5628](#).

Will double check permissions.

#4 - 2010-08-13 06:23 - Jeffrey Jones

Did some checking:

I cannot see the repository main page

I cannot see the contents of a file
I cannot see the diff of a file

The repositories are stored in /var/repositories

/var/repositories and all sub-folders / files are owned by apache:apache and the with permissions set at 755

```
drwxr-xr-x 5 apache apache 4096 Aug 12 09:54 repositories
```

However I still cannot see the contents of the git repos.

I am running Redmine using Phusion Passenger on Apache.

I am stumped

#5 - 2010-08-13 06:27 - Jeffrey Jones

production.log file if it is of any use.

```
Processing RepositoriesController#diff (for 10.80.89.170 at 2010-08-13 13:22:13) [GET]
  Parameters: {"rev"=>"050883aac9524c59f4885f09dac714da00262795", "action"=>"diff", "id"=>"*****", "path"=>["db", "migrate", "20100618071926_create_*****.rb"], "controller"=>"repositories"}
Rendering template within layouts/base
Completed in 61ms (View: 32, DB: 8) | 500 Internal Server Error [http://10.80.89.174/projects/*****/repository/revisions/050883aac9524c59f4885f09dac714da00262795/diff/db/migrate/20100618071926_create_*****.rb]
```

I wasn't expecting a 500 error. I will try in Dev

#6 - 2010-08-13 06:34 - Jeffrey Jones

changed log level to debug, the

```
Shelling out: git --git-dir '/var/repositories/panasonic/' ls-tree -l '050883aac9524c59f4885f09dac714da00262795:app/controllers'
```

Works fine when I do it myself from the command-line using a normal user in the same group as apache.

Still get the

```
Completed in 50ms (View: 24, DB: 5) | 500 Internal Server Error [http://10.80.89.174/projects/*****/repository/revisions/050883aac9524c59f4885f09dac714da00262795/diff/db/migrate/20100618071926_create_*****.rb]
```

#7 - 2010-08-13 06:36 - Jeffrey Jones

Maybe the git shell output will help?

git version 1.7.2 (Latest stable)

```
bash-3.2$ git --git-dir '/var/repositories/*****/' ls-tree -l '050883aac9524c59f4885f09dac714da00262795:app/controllers'
```

100644	blob	8b35ac1f7f5f3e32199e5ef0b1452da7dcc3f807	926	application_controller.rb
100644	blob	fc5f0ad39db07ed02c63c7aabbf69b4a841794ff	222	home_controller.rb
100644	blob	814a1ff07447601dacc977107366997714d200db	866	leaflets_controller.rb
100644	blob	fc7e078b1b2f93a906447901b348556d16cdd92f	2563	logos_controller.rb
100644	blob	5829af70a1110a4e9155dfd0aa603c4efff89e0d	2035	orders_controller.rb
100644	blob	2193db82b701ef62f246f080887df083bc5a7a7e	216	previews_controller.rb
100644	blob	d9dff750634014dee34c04d811236997ab79622e	4328	prices_controller.rb
100644	blob	5faf14b3c63fe562f7dc344eb0e9eec3f659f4df	2108	users_controller.rb

#8 - 2010-08-13 11:35 - Felix Schäfer

Passenger apps do not necessarily run as the same user as apache, check the passenger docs for more info (you could inspect the process list to find out what user redmine is run as).

#9 - 2010-08-13 12:36 - Jeffrey Jones

I did have it before so that the repo directories were owned by the redmine user (member of the apache group) that owned the redmine web-app files but that didn't work either IIRC.

Cannot check until Monday now; will double check when I get back.

#10 - 2010-08-16 02:11 - Jeffrey Jones

I turned off passenger user switching and set the default as apache, still nothing. I turned user switching back on and set the /var/repositories tree to

be owned by redmine (the user the redmine rails process is running under). Still nothing.

Does Redmine have any extra debugging output I can look at? I have tried running in Dev mode but I still get nothing useful about what could be causing the trouble. Could it be a problem with incompatibility with the latest git version (1.7.2)?

#11 - 2010-08-16 02:20 - Toshi MARUYAMA

Such as db/migrate, redmine has performance problem in many files per directory. Try <http://www.redmine.org/attachments/3272/git-fast-browse.patch> in #4773.

#12 - 2010-08-16 02:49 - Jeffrey Jones

Hello Maruyama-san,

I don't think that is the problem, this is a small project with a small number of files.

I tried your change but that didn't fix the problem but thank you for the suggestions.

#13 - 2010-08-16 03:04 - Toshi MARUYAMA

What happens with Webrick?

In redmine directory, \$ ruby script/server -e "YOUR ENV (ex. development)".

#14 - 2010-08-16 03:12 - Jeffrey Jones

Aha, good idea!...Yes, that works in Webrick.

If I su to the redmine user and run webrick then the repository listing works perfectly and I can see individual files and diffs.

#15 - 2010-08-16 03:30 - Toshi MARUYAMA

Is git in your PATH?

For apache you can use "SetEnv" in apache conf file.

#16 - 2010-08-16 03:51 - Toshi MARUYAMA

For example in apache conf file.

```
SetEnv PATH "/git-dir:${PATH}"
```

#17 - 2010-08-16 04:11 - Jeffrey Jones

hmm, that would explain why the update fetch_changeset cron jobs work but the site doesn't.

I added the SetEnv to the apache conf file (I am using centos and compiled git, the path is /usr/local/bin/git) but that didn't make a difference.

#18 - 2010-08-16 04:27 - Toshi MARUYAMA

Did you restart apache?

```
# /etc/init.d/httpd restart
```

#19 - 2010-08-16 04:35 - Toshi MARUYAMA

I use Fedora 12, and I have no trouble.

```
$ rpm -qf /usr/bin/git
git-1.7.2.1-2.fc12.i686
```

#20 - 2010-08-16 04:35 - Jeffrey Jones

Yes I restarted apache.

Maybe of note: Passenger is 2.2.15

#21 - 2010-08-16 04:52 - Toshi MARUYAMA

Do you set "file:///GIT-BARE-REPO" in redmine?

You don't need to use "file://". And you should set "/GIT-BARE-REPO".

#22 - 2010-08-16 05:36 - Jeffrey Jones

Yep, all repositories are bare repos and the path specified in redmine is

```
/var/repositories/name-of-repository
```

#23 - 2010-08-16 07:04 - Toshi MARUYAMA

To use development env, redmine generate `#{RAILS_ROOT}/log/scm.stderr.log`.
See source.tags/1.0.0/lib/redmine/scm/adapters/abstract_adapter.rb#L184 .

#24 - 2010-08-16 07:30 - Jeffrey Jones

Aha! I found the output in the `/var/log/httpd/error_log` file.

```
sh: git: command not found
```

So yes, it cannot find git even though it has been set in the apache configuration file.

#25 - 2010-08-16 07:44 - Felix Schäfer

Set the full path of the git binary here source:/trunk/lib/redmine/scm/adapters/git_adapter.rb#L25, that should work.

#26 - 2010-08-16 08:12 - Jeffrey Jones

- *Status changed from New to Resolved*

- *% Done changed from 0 to 100*

Excellent, that did the trick. Still wondering why it couldn't find git but I don't really have time to investigate. Ach well.

#27 - 2010-08-16 08:27 - Felix Schäfer

- *Status changed from Resolved to Closed*