ChiliProject - Bug # 814: Git repository fetch does not work with Ruby 1.9.2

Status:	Needs more information	**Priority:**	Normal
Author:	Mak Babu	**Category:**	
Created:	2012-01-03	**Assignee:**	
Updated:	2012-01-03	**Due date:**	

Remote issue URL:	
Affected version:	
Description:	Git repository is configured properly. When we click on "Repository" link, the trace below is displayed and the web app crashes. Since, app is running 2.5.0 version and ruby 1.9.2 to confirm the issues is with Ruby 1.9.2, have downgraded ruby to 1.8.7 and repeated the same steps and the page is getting displayed properly.

The trace from log is below

Shelling out: 'git' '--git-dir' '/var/www/git.happiestminds.com/gitrepo/blah' '-c' 'core.quotepath=false' 'ls-tree' '-l' 'master:'

ArgumentError (unknown encoding name -):
  lib/redmine/scm/adapters/git_adapter.rb:122:in `force_encoding'
  lib/redmine/scm/adapters/git_adapter.rb:122:in `block (2 levels) in entries'
  lib/redmine/scm/adapters/git_adapter.rb:114:in `each_line'
  lib/redmine/scm/adapters/git_adapter.rb:114:in `block in entries'
  lib/redmine/scm/adapters/abstract_adapter.rb:208:in `call'
  lib/redmine/scm/adapters/abstract_adapter.rb:208:in `block in shellout'
  lib/redmine/scm/adapters/abstract_adapter.rb:206:in `popen'
  lib/redmine/scm/adapters/abstract_adapter.rb:206:in `shellout'
  lib/redmine/scm/adapters/abstract_adapter.rb:187:in `shellout'
  lib/redmine/scm/adapters/git_adapter.rb:349:in `scm_cmd'
  lib/redmine/scm/adapters/git_adapter.rb:113:in `entries'
  app/models/repository.rb:84:in `entries'
  app/controllers/repositories_controller.rb:76:in `show'
  <internal:prelude>:10:in `synchronize'
  passenger (3.0.11) lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'
  passenger (3.0.11) lib/phusion_passenger/abstract_request_handler.rb:513:in `accept_and_process_next_request'

Associated revisions

2008-03-08 02:46 pm - Jean-Philippe Lang

Strip out email address from authors in repository screens (#814).

git-svn-id: http://redmine.rubyforge.org/svn/trunk@1208 e93f8b46-1217-0410-a6f0-8f06a7374b81

History

2012-01-03 11:49 am - Holger Just

- Status changed from Open to Needs more information

Ruby 1.8.7 doesn't care about the encoding and just handles byte streams. Thus, we generally assume UTF-8 data. Ruby 1.9 uses real Strings with an encoding attached, so these things suddenly become important.

In this case, you need to configure the Repository encoding in @Administration -> Settings -> Repositories@ to match the encoding in your repository (e.g. @UTF-8@). Please check again if this solves your issue.

2012-01-03 11:55 am - Mak Babu

Configured the encoding for UTF8 as suggested by you. However the same issue is still occurring. Still researching the flow to figure out why it is not picking up the settings.

On hindsight, shouldn't we have a default encoding!

2012-01-03 12:58 pm - Mak Babu

While creating a git repo, from project settings, it is mentioned that UTF-8 is default. However this is not used in the code. Setting the encoding manually fixes the issue.

Shall work on a patch to fix it at code level.