

## Redmine - Defect #917

### Redmine+CVS+PostgreSQL 8.3 Cannot work with multi-bytes language

2008-03-24 10:19 - Yoshida Taichiro

<b>Status:</b>	Closed	<b>Start date:</b>	2008-03-24
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.8	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<p>Thank you for developing such a good solution! I got the following error message when I try to click the "Repository" tab:</p>			
<pre>Processing RepositoriesController#show (for 192.168.15.102 at 2008-03-24 19:14:06) [GET]   Session ID: 231678a1464917a916faa279311da8a4   Parameters: {"action"=&gt;"show", "id"=&gt;"k001", "controller"=&gt;"repositories"}  ActiveRecord::StatementInvalid (RuntimeError: ERROR C22021 Minvalid byte sequence for encoding g "UTF8": 0x8f      HThis error can also happen if the byte sequence does not match the encoding expected by the server, which is controlled by "client_encoding".      Fwchar.c      L1545 R report_invalid_encoding: SELECT * FROM changesets WHERE (changesets.repository_id = 12 AND (chan gesets."committed_on" BETWEEN '2007-09-12 05:36:33.000000' AND '2007-09-12 05:36:53.000000' AND ch angesets."comments" = E'????C?? ? ?g' AND changesets."committer" = E'yoshida')) ORDER BY changes ets.committed_on DESC, changesets.id DESC LIMIT 1):   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract_ adapter.rb:150:in `log'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/postgresq l_adapter.rb:407:in `execute'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/postgresq l_adapter.rb:782:in `select_raw'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/postgresq l_adapter.rb:769:in `select'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/ database_statements.rb:7:in `select_all_without_query_cache'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/ query_cache.rb:53:in `select_all'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/ query_cache.rb:74:in `cache_sql'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/ query_cache.rb:53:in `select_all'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/base.rb:532:in `find_by_sql'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/base.rb:1233:in `find_every'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/base.rb:1227:in `find_initial '   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/base.rb:502:in `find'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/associations/has_many_associa tion.rb:66:in `find'   /app/models/repository/cvs.rb:102:in `fetch_changesets'   /lib/redmine/scm/adapters/cvs_adapter.rb:199:in `revisions'   /lib/redmine/scm/adapters/cvs_adapter.rb:133:in `each_line'   /lib/redmine/scm/adapters/cvs_adapter.rb:133:in `revisions'   /lib/redmine/scm/adapters/abstract_adapter.rb:118:in `call'   /lib/redmine/scm/adapters/abstract_adapter.rb:118:in `shellout'   /lib/redmine/scm/adapters/abstract_adapter.rb:116:in `popen'   /lib/redmine/scm/adapters/abstract_adapter.rb:116:in `shellout'   /lib/redmine/scm/adapters/cvs_adapter.rb:121:in `revisions'   /app/models/repository/cvs.rb:97:in `fetch_changesets'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/ database_statements.rb:66:in `transaction'   /usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/transactions.rb:80:in `transa ction'</pre>			

```

/usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/transactions.rb:100:in `trans
action'
/app/models/repository/cvs.rb:95:in `fetch_changesets'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/associations/association_prox
y.rb:125:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/associations/association_prox
y.rb:125:in `method_missing'
/app/controllers/repositories_controller.rb:53:in `show'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/base.rb:1158:in `send'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/base.rb:1158:in `perform_ac
tion_without_filters'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/filters.rb:697:in `call_fil
ters'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/filters.rb:689:in `perform_
action_without_benchmark'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/benchmarking.rb:68:in `perf
orm_action_without_rescue'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/benchmarking.rb:68:in `perf
orm_action_without_rescue'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/rescue.rb:199:in `perform_a
ction_without_caching'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/caching.rb:678:in `perform_
action'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/connection_adapters/abstract/
query_cache.rb:33:in `cache'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.0.2/lib/active_record/query_cache.rb:8:in `cache'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/caching.rb:677:in `perform_
action'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/base.rb:524:in `send'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/base.rb:524:in `process_wit
hout_filters'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/filters.rb:685:in `process_
without_session_management_support'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/session_management.rb:123:i
n `process'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/base.rb:388:in `process'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/dispatcher.rb:171:in `handl
e_request'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/dispatcher.rb:115:in `dispa
tch'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/dispatcher.rb:126:in `dispa
tch CGI'
/usr/lib/ruby/gems/1.8/gems/actionpack-2.0.2/lib/action_controller/dispatcher.rb:9:in `dispatc
h'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/rails.rb:76:in `process'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/rails.rb:74:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/rails.rb:74:in `process'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:159:in `process_client'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:158:in `each'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:158:in `process_client'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:285:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:285:in `initialize'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:285:in `new'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:285:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:268:in `initialize'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:268:in `new'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel.rb:268:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/configurator.rb:282:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/configurator.rb:281:in `each'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/configurator.rb:281:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/mongrel_rails:128:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/./lib/mongrel/command.rb:212:in `run'
/usr/lib/ruby/gems/1.8/gems/mongrel-1.1.4/bin/mongrel_rails:281
/usr/bin/mongrel_rails:19:in `load'
/usr/bin/mongrel_rails:19

```

Tested:

Client:WindowsXP

Server CentOS5

Redmine 0.7.devel.1291 (PostgreSQL)

CVS 1.11.22

PostgreSQL 8.3

---

## Associated revisions

### Revision 1767 - 2008-08-26 14:13 - Jean-Philippe Lang

Adds support for commit logs reencoding to UTF-8 before insertion in the database (#834, #917, #1663).  
Source encoding of commit logs can be selected in Application settings -> Repositories.

### Revision 1768 - 2008-08-26 14:28 - Jean-Philippe Lang

Fixes error with CVS+Postgresql and non-UTF8 commit logs (#917, #1659).

---

## History

### #1 - 2008-03-25 01:10 - Yoshida Taichiro

I forgot to write encoding info.  
Encoding of files on CVS is EUC-JP.

### #2 - 2008-03-25 06:13 - Wei Li

wow, it's looks like we got the same issue?

[\[\[http://www.redmine.org/issues/show/834\]\]](http://www.redmine.org/issues/show/834)

Cheers!

### #3 - 2008-08-26 14:26 - Jean-Philippe Lang

- *Status changed from New to Closed*

- *Target version set to 0.8*

- *Resolution set to Fixed*

This problem should be solved by [r1767](#) and [r1768](#).

Choose the appropriate source encoding (eg. EUC-JP) in Application settings -> Repositories. Messages will be reencoded to UTF-8 before insertion in the database.