

## Redmine - Defect #2890

### CVS fetch changesets for latin1 charset

2009-03-03 19:11 - Lautaro Bonetto

<b>Status:</b>	Closed	<b>Start date:</b>	2009-03-03
<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>		<b>Affected version:</b>	0.8.1
<b>Resolution:</b>			
<b>Description</b>			
<p>I have a spanish project and we used CVS with spanish comments on it. When I added the repository in Redmine and executed the task "rake redmine:fetch_changesets --trace RAILS_ENV=production", this error appear.</p> <p>Can you fix it, please?</p> <pre>Mysql::Error: #HY000Illegal mix of collations (latin1_spanish_ci,IMPLICIT) and (utf8_general_ci,COERCIBLE) for operation '=': SELECT * FROM `changesets` WHERE (`changesets`.reposito ry_id = 12 AND (`changesets`.`committer` = 'gabriel.a.furrer' AND `changesets`.`committed_on` BETW EEN '2008-03-28 12:38:04' AND '2008-03-28 12:38:24' AND `changesets`.`comments` = 'Se e liminaron de la estructura los archivos vacpo.txt')) ORDER BY changesets.committed_on DESC, chang esets.id DESC LIMIT 1 D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract_adap ter.rb:147:in `log' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter .rb:302:in `execute' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter .rb:537:in `select' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/data base_statements.rb:7:in `select_all_without_query_cache' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/quer y_cache.rb:61:in `select_all' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/base.rb:586:in `find_by_sql' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/base.rb:1345:in `find_every' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/base.rb:1307:in `find_initial' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/base.rb:538:in `find' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/associations/association_collecti on.rb:47:in `find' D:/proyectos/redmine/app/models/repository/cvs.rb:109:in `fetch_changesets' D:/proyectos/redmine/lib/redmine/scm/adapters/cvs_adapter.rb:191:in `revisions' D:/proyectos/redmine/lib/redmine/scm/adapters/cvs_adapter.rb:126:in `each_line' D:/proyectos/redmine/lib/redmine/scm/adapters/cvs_adapter.rb:126:in `revisions' D:/proyectos/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:177:in `call' D:/proyectos/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:177:in `shellout' D:/proyectos/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:175:in `popen' D:/proyectos/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:175:in `shellout' D:/proyectos/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:165:in `shellout' D:/proyectos/redmine/lib/redmine/scm/adapters/cvs_adapter.rb:114:in `revisions' D:/proyectos/redmine/app/models/repository/cvs.rb:104:in `fetch_changesets' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/data base_statements.rb:66:in `transaction' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:79:in `transactio n' D:/proyectos/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:98:in `transactio n' D:/proyectos/redmine/app/models/repository/cvs.rb:102:in `fetch_changesets' D:/proyectos/redmine/vendor/rails/activesupport/lib/active_support/core_ext/symbol.rb:11:in `__sen d__' D:/proyectos/redmine/vendor/rails/activesupport/lib/active_support/core_ext/symbol.rb:11:in `to_pr oc' D:/proyectos/redmine/app/models/repository.rb:142:in `each'</pre>			

```

D:/proyectos/redmine/app/models/repository.rb:142:in `fetch_changesets'
D:/proyectos/redmine/lib/tasks/fetch_changesets.rake:22
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:617:in `call'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:617:in `execute'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:612:in `each'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:612:in `execute'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:578:in `invoke_with_call_chain'
D:/Ruby/lib/ruby/1.8/monitor.rb:242:in `synchronize'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:571:in `invoke_with_call_chain'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:564:in `invoke'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:2019:in `invoke_task'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1997:in `top_level'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1997:in `each'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1997:in `top_level'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:2036:in `standard_exception_handling'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1991:in `top_level'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1970:in `run'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:2036:in `standard_exception_handling'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/lib/rake.rb:1967:in `run'
D:/Ruby/lib/ruby/gems/1.8/gems/rake-0.8.3/bin/rake:31
D:/Ruby/bin/rake:19:in `load'
D:/Ruby/bin/rake:19

```

#### Related issues:

Related to Redmine - Defect #3196: Don't properly support encoding of reposit...	Closed	2009-04-17
Related to Redmine - Patch #236: Patch for remote cvs server and non-English ...	Closed	
Related to Redmine - Defect #2133: CVS comments in utf8 get truncated	Closed	
Related to Redmine - Feature #1735: Per project repository log encoding setting	Closed	2008-08-03

#### History

##### #1 - 2009-03-03 19:13 - Lautaro Bonetto

This is my "ruby script/about":

```

D:\proyectos\redmine>ruby script/about
About your application's environment
Ruby version          1.8.6 (i386-mswin32)
RubyGems version      1.3.1
Rails version         2.1.2
Active Record version 2.1.2
Action Pack version   2.1.2
Active Resource version 2.1.2
Action Mailer version 2.1.2
Active Support version 2.1.2
Application root      D:/proyectos/redmine
Environment            development
Database adapter      mysql
Database schema version 0

```

##### #2 - 2009-07-16 13:57 - Damien Couderc

Hi there,  
got almost the same problem but with the following collations :  
(latin1\_swedish\_ci,IMPLICIT) and (utf8\_general\_ci,COERCIBLE)

It also occurs on the changeset fetching.

I use RedMine 0.8.4 with MySQL (btw about script only show data about development environment)

```

$ ruby script/about
About your application's environment
Ruby version          1.8.7 (i486-linux)
RubyGems version      1.3.1
Rails version         2.1.2
Active Record version 2.1.2
Action Pack version   2.1.2
Active Resource version 2.1.2
Action Mailer version 2.1.2
Active Support version 2.1.2
Edge Rails revision   unknown

```

```
Application root      /var/lib/redmine/redmine-0.8.4
Environment          development
Database adapter     sqlite3
Database schema version 0
```

### #3 - 2009-07-17 14:02 - Damien Couderc

I have been able to fix the problem by changing the charset of the *changesets* table.

Here is the method :

```
ALTER TABLE changeset CONVERT TO CHARACTER SET utf8;
```

Added to this i also modified the file *my.cnf* to add the following :

```
<...>

[mysqld]
default-character-set = utf8
<...>

[mysql]
default-character-set = utf8
<...>

[mysqldump]
default-character-set = utf8
<...>
```

I'm not sure this last part has helped but i tried it first so i cannot tell if it is needed by the first part (AKA changing charset).

I hope it will help.

### #4 - 2011-01-06 12:25 - Toshi MARUYAMA

- *Category changed from Database to SCM*

### #5 - 2011-03-01 11:34 - Toshi MARUYAMA

- *Status changed from New to Closed*

I added feature [#1735](#) until [r4983](#).