# Redmine - Defect #8990

## Git: Error when fetching changesets

2011-08-05 13:29 - Dave Abrahams

| | | | | |
|---|---|---|---|---|
| **Status:** | Closed | | **Start date:** | 2011-08-05 |
| **Priority:** | Low | | **Due date:** | |
| **Assignee:** | | | **% Done:** | 0% |
| **Category:** | SCM | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | | |
| **Resolution:** | | | **Affected version:** | 1.2.1 |

**Description**

This is what I found in my fetch-changesets log, which is being produced by the command

```
ruby script/runner "Repository.fetch_changesets" -e production >> /tmp/redmine-changeset-fetch.log
 2>&1 & disown

warning: ignoring dangling symref upstream.
warning: ignoring dangling symref upstream.
warning: ignoring dangling symref upstream.
warning: ignoring dangling symref upstream.
/srv/redmine/vendor/rails/railties/lib/commands/runner.rb:48: /srv/redmine/vendor/rails/activereco
rd/lib/active_record/connection_adapters/abstract_adapter.rb:227:in `log': Mysql::Error: Duplicate
 entry '20-5c4e52e49648c196f629b8623b4aca7e4c0080e3' for key 'changesets_repos_rev': INSERT INTO `
changesets` (`committed_on`, `comments`, `commit_date`, `scmid`, `user_id`, `revision`, `repositor
y_id`, `committer`) VALUES('2011-08-04 10:00:11', 'Fix the bitwidth of the remaining fields.\n\ngi
t-svn-id: https://llvm.org/svn/llvm-project/llvm/trunk@136884 91177308-0d34-0410-b5e6-96231b3b80d8
', '2011-08-04 10:00:11', '5c4e52e49648c196f629b8623b4aca7e4c0080e3', NULL, '5c4e52e49648c196f629b
8623b4aca7e4c0080e3', 20, 'Rafael Espindola <rafael.espindola@gmail.com>') (ActiveRecord::Statemen
tInvalid)
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapte
r.rb:324:in `execute'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/dat
abase_statements.rb:259:in `insert_sql'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapte
r.rb:334:in `insert_sql'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/dat
abase_statements.rb:44:in `insert_without_query_dirty'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/que
ry_cache.rb:19:in `insert'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2961:in `create_without_
timestamps'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/timestamp.rb:53:in `create_witho
ut_callbacks'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/callbacks.rb:266:in `create'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2927:in `create_or_updat
e_without_callbacks'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_u
pdate'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2577:in `save_without_va
lidation'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/validations.rb:1090:in `save_wit
hout_dirty'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/dirty.rb:79:in `save_without_tra
nsactions'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `send'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `with_tra
nsaction_returning_status'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/dat
abase_statements.rb:136:in `transaction'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transact
ion'
```

```
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:228:in `with_tra
nsaction_returning_status'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:208:in `rollback
_active_record_state!'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
    from /srv/redmine/app/models/repository/git.rb:152:in `save_revision'
    from /srv/redmine/app/models/repository/git.rb:133:in `fetch_changesets'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/dat
abase_statements.rb:136:in `transaction'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transact
ion'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:188:in `transact
ion'
    from /srv/redmine/app/models/repository/git.rb:131:in `fetch_changesets'
    from /srv/redmine/lib/redmine/scm/adapters/git_adapter.rb:222:in `revisions'
    from /srv/redmine/lib/redmine/scm/adapters/git_adapter.rb:207:in `each_line'
    from /srv/redmine/lib/redmine/scm/adapters/git_adapter.rb:207:in `revisions'
    from /srv/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:215:in `call'
    from /srv/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:215:in `shellout'
    from /srv/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:213:in `popen'
    from /srv/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:213:in `shellout'
    from /srv/redmine/lib/redmine/scm/adapters/abstract_adapter.rb:194:in `shellout'
    from /srv/redmine/lib/redmine/scm/adapters/git_adapter.rb:368:in `scm_cmd'
    from /srv/redmine/lib/redmine/scm/adapters/git_adapter.rb:202:in `revisions'
    from /srv/redmine/app/models/repository/git.rb:129:in `fetch_changesets'
    from /srv/redmine/app/models/repository/git.rb:125:in `each'
    from /srv/redmine/app/models/repository/git.rb:125:in `fetch_changesets'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/associations/association_proxy.r
b:215:in `send'
    from /srv/redmine/vendor/rails/activerecord/lib/active_record/associations/association_proxy.r
b:215:in `method_missing'
    from /srv/redmine/app/models/repository.rb:243:in `fetch_changesets'
    from /srv/redmine/app/models/repository.rb:240:in `each'
    from /srv/redmine/app/models/repository.rb:240:in `fetch_changesets'
    from (eval):1
    from /usr/local/stow/ruby-enterprise-1.8.7-2010.02/lib/ruby/site_ruby/1.8/rubygems/custom_requ
ire.rb:31:in `eval'
    from /srv/redmine/vendor/rails/railties/lib/commands/runner.rb:48
    from /usr/local/stow/ruby-enterprise-1.8.7-2010.02/lib/ruby/site_ruby/1.8/rubygems/custom_requ
ire.rb:31:in `gem_original_require'
    from /usr/local/stow/ruby-enterprise-1.8.7-2010.02/lib/ruby/site_ruby/1.8/rubygems/custom_requ
ire.rb:31:in `require'
    from script/runner:3
```

## History

### #1 - 2011-08-05 13:39 - Dave Abrahams

Further info: as a result, I can look explicitly at the last revision on the "work" branch, but not at its diffs:

```
Processing RepositoriesController#revision (for 207.172.223.249 at 2011-08-05 04:37:53) [GET]
  Parameters: {"rev"=>"35f33dc9dfadc79e97d568ebaae51fcebbd285a0", "action"=>"revision", "id"=>"embt", "control
ler"=>"repositories"}
Rendering template within layouts/base
Rendering repositories/revision
Completed in 72ms (View: 61, DB: 3) | 200 OK [https://hub.boostpro.com/projects/embt/repository/revisions/35f3
3dc9dfadc79e97d568ebaae51fcebbd285a0]

Processing RepositoriesController#diff (for 207.172.223.249 at 2011-08-05 04:38:16) [GET]
  Parameters: {"rev"=>"35f33dc9dfadc79e97d568ebaae51fcebbd285a0", "action"=>"diff", "id"=>"embt", "controller"
=>"repositories"}
Rendering template within layouts/base
Rendering common/error (404)
Completed in 105ms (View: 62, DB: 4) | 404 Not Found [https://hub.boostpro.com/projects/embt/repository/revisi
ons/35f33dc9dfadc79e97d568ebaae51fcebbd285a0/diff]
```

### #2 - 2011-08-05 14:26 - Toshi MARUYAMA

*- Subject changed from Error when fetching changesets to Git: Error when fetching changesets*

*- Status changed from New to Closed*

*- Priority changed from High to Low*

*- Resolution set to Invalid*

It seems your database is corruption and git path and permission problem.
Please post to forum.

### #3 - 2011-08-05 15:08 - Dave Abrahams

Hours later, the diffs are showing up.  I'll take this to the forum as requested, though.

### #4 - 2012-02-27 20:00 - Lluís Vilanova

*- Status changed from Closed to Reopened*

It seems like there actually is a problem, at least, on the interaction between redmine and mysql.

After pushing the contents of a git repository with a large history, first click on the repository tab on redmine starts the fetch of the changesets. Once that is apparently finished, mysql starts eating up a lot of I/O time (seen using iotop) and the aforementioned errors appear until mysql calms down a lot of time after that (I suppose it's doing something with the newly inserted data).

The error message shown in redmine's reporitory tab shows errors for different revision IDs every time you reload the page, which brings me to suspect these are made available little by little by mysql.

Hope this helps on pinning the exact source of the problem.

### #5 - 2012-02-29 13:22 - Toshi MARUYAMA

*- Status changed from Reopened to Closed*

Please do not reopen by unrelated issues.
Git fetching revisions is refactored by [#8857](#).

### #6 - 2012-04-02 18:20 - Ethel Mambret

Got same error as above on a working repository with redmine version 1.3.1 after some pushes on the git server.
Below the error:

An error occurred when trying to access the repository: Mysql::Error: Duplicate entry '3-0fcedca25abdf4160eeed7749a67800f5109b355' for key 'changesets_repos_rev': INSERT INTO `changesets` (`committed_on`, `comments`, `commit_date`, `scmid`, `user_id`, `revision`, `repository_id`, `committer`) VALUES('2012-04-02 17:45:15', 'added directory gammun_project containing old ASP website', '2012-04-02 17:45:15', '0fcedca25abdf4160eeed7749a67800f5109b355', NULL, '0fcedca25abdf4160eeed7749a67800f5109b355', 3, 'Ethel <[ethel23@gmail.com](mailto:ethel23@gmail.com)>')

### #7 - 2012-04-02 18:20 - Ethel Mambret

*- Status changed from Closed to Reopened*

### #8 - 2012-04-03 00:56 - Toshi MARUYAMA

As I described at [#10470](#) [note-13](#) ,
revision column and it is unique.

I changed transaction code at [r9288](#) and [r9290](#).
Please open new issues if still have this issue on Redmine 1.4.

### #9 - 2012-04-03 00:56 - Toshi MARUYAMA

*- Status changed from Reopened to Closed*

*- Resolution deleted (Invalid)*