# Redmine - Defect #3942

## Redmine + PostgreSQL 8.3: ActiveRecord::StatementInvalid in RepositoriesController#revision

2009-09-29 17:46 - Luca Pireddu

| | | | |
|---|---|---|---|
| **Status:** | Closed | **Start date:** | 2009-09-29 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | | **% Done:** | 0% |
| **Category:** | SCM | **Estimated time:** | 0.00 hour |
| **Target version:** | | | |
| **Resolution:** | Fixed | **Affected version:** | |

**Description**

Trying to load a specific revision gives the following error:

```
PGError: ERROR: operator does not exist: character varying = integer
LINE 1: ...RE ("changesets".repository_id = 20 AND (revision = 33)) OR...
 ^
HINT: No operator matches the given name and argument type(s). You might need to add explicit type
 casts.
: SELECT * FROM "changesets" WHERE ("changesets".repository_id = 20 AND (revision = 33)) ORDER BY
changesets.committed_on DESC, changesets.id DESC LIMIT 1

ActiveRecord::StatementInvalid (PGError: ERROR:  operator does not exist: character varying = inte
ger
LINE 1: ...RE ("changesets".repository_id = 20 AND (revision = 33))  OR...
                                                             ^
HINT:  No operator matches the given name and argument type(s). You might need to add explicit typ
e casts.
: SELECT * FROM "changesets" WHERE ("changesets".repository_id = 20 AND (revision = 33))  ORDER BY
 changesets.committed_on DESC, changesets.id DESC LIMIT 1):
  app/models/repository.rb:97:in `find_changeset_by_name'
  app/controllers/repositories_controller.rb:133:in `revision'
  /usr/lib/ruby/1.8/webrick/httpserver.rb:104:in `service'
  /usr/lib/ruby/1.8/webrick/httpserver.rb:65:in `run'
  /usr/lib/ruby/1.8/webrick/server.rb:173:in `start_thread'
<snip>
```

This patch seems to fix the problem:

```
=== modified file 'app/models/repository.rb'
--- app/models/repository.rb    2009-09-20 15:20:22 +0000
+++ app/models/repository.rb    2009-09-29 15:43:37 +0000
@@ -94,7 +94,7 @@

   # Finds and returns a revision with a number or the beginning of a hash
   def find_changeset_by_name(name)
-    changesets.find(:first, :conditions => (name.match(/^\d*$/) ? ["revision = ?", name.to_i] : [
"revision LIKE ?", name + '%']))
+    changesets.find(:first, :conditions => (name.match(/^\d*$/) ? ["revision = ?", name] : ["revi
sion LIKE ?", name + '%']))
   end

   def latest_changeset
```

## About

**About your application's environment**

| | |
|---|---|
| **Ruby version** | **1.8.7 (i486-linux)** |
| **RubyGems version** | **1.3.5** |
| **Rack version** | **1.0** |

```
Rails version              2.3.4
Active Record version      2.3.4
Active Resource version    2.3.4
Action Mailer version      2.3.4
Active Support version     2.3.4
Application root           /home/pireddu/Projects/migrepo/mig_redmine
Environment                development
Database adapter           postgresql
Database schema version    20090704172358

About your Redmine plugins
Redmine Blogs plugin                0.0.6
MIG Redmine Customizations plugin   0.0.1
```

**Related issues:**

| | | |
|---|---|---|
| Related to Redmine - Defect #5696: Redmine + PostgreSQL 8.4.4 fails on _dir_l... | **Closed** | **2010-06-16** |
| Is duplicate of Redmine - Defect #3937: Revision view not compatible with all... | **Closed** | **2009-09-28** |

## History

#### #1 - 2009-10-02 17:05 - Jean-Philippe Lang

*- Status changed from New to Closed*

*- Resolution set to Fixed*

Fixed in r2903.

#### #2 - 2010-06-15 16:13 - Anonymous

*- Status changed from Closed to Reopened*

Hi,

I'm reopening this since I have a very similar problem in
app/views/repositories/_dir_list_content.rhtml

I changed
<% changeset = @project.repository.changesets.find_by_revision(entry.lastrev.identifier) if entry.lastrev && entry.lastrev.identifier %>
to
<% changeset = @project.repository.changesets.find_by_revision(entry.lastrev.identifier.to_s) if entry.lastrev && entry.lastrev.identifier %>

and it worked. Not sure if it applicable everywhere though.

#### #3 - 2010-06-15 21:28 - Felix Schäfer

*- Status changed from Reopened to Closed*

Please open a new defect for this issue, thanks.