

## Redmine - Defect #8582

### RuntimeError (Your PostgreSQL connection does not support unescape\_bytea. Try upgrading to pg 0.9.0 or later.)

2011-06-10 08:46 - Alex A

<b>Status:</b>	Closed	<b>Start date:</b>	2011-06-10
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	1.2.0
<b>Resolution:</b>	Invalid		
<b>Description</b>			
<p>When i try export wiki to html or txt on redmine 1.2-stable (CentOS release 5.6) and postgresql (8.1.23) this error occurs.</p> <pre>RuntimeError (Your PostgreSQL connection does not support unescape_bytea. Try upgrading to pg 0.9.0 or later.):   app/models/wiki_page.rb:97:in `content_for_version'   app/controllers/wiki_controller.rb:72:in `show'   passenger (3.0.7) lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'   passenger (3.0.7) lib/phusion_passenger/abstract_request_handler.rb:513:in `accept_and_process_next_request'   passenger (3.0.7) lib/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'   passenger (3.0.7) lib/phusion_passenger/classic_rails/application_spawner.rb:321:in `start_request_handler'   passenger (3.0.7) lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `send'   passenger (3.0.7) lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `handle_spawn_application'   passenger (3.0.7) lib/phusion_passenger/utils.rb:479:in `safe_fork'   passenger (3.0.7) lib/phusion_passenger/classic_rails/application_spawner.rb:270:in `handle_spawn_application'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:357:in `__send__'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:180:in `start'   passenger (3.0.7) lib/phusion_passenger/classic_rails/application_spawner.rb:149:in `start'   passenger (3.0.7) lib/phusion_passenger/spawn_manager.rb:219:in `spawn_rails_application'   passenger (3.0.7) lib/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'   passenger (3.0.7) lib/phusion_passenger/spawn_manager.rb:214:in `spawn_rails_application'   passenger (3.0.7) lib/phusion_passenger/abstract_server_collection.rb:82:in `synchronize'   passenger (3.0.7) lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'   passenger (3.0.7) lib/phusion_passenger/spawn_manager.rb:213:in `spawn_rails_application'   passenger (3.0.7) lib/phusion_passenger/spawn_manager.rb:132:in `spawn_application'   passenger (3.0.7) lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:357:in `__send__'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'   passenger (3.0.7) lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'   passenger (3.0.7) helper-scripts/passenger-spawn-server:99</pre>			
<b>Gems are:</b>			
<pre>*** LOCAL GEMS ***  abstract (1.0.0) actionmailer (2.3.11, 2.3.5) actionpack (3.0.7, 2.3.11, 2.3.5) activemodel (3.0.7) activerecord (2.3.11, 2.3.5) activeresource (2.3.11, 2.3.5) activesupport (3.0.7, 2.3.11, 2.3.5)</pre>			

acts-as-taggable-on (2.0.6)  
arel (2.0.9)  
builder (3.0.0, 2.1.2)  
bundler (1.0.12)  
cgi\_multipart\_eof\_fix (2.5.0)  
coderay (0.9.7)  
daemon\_controller (0.2.6)  
daemons (1.1.3)  
diff-lcs (1.1.2)  
erubis (2.7.0, 2.6.6)  
fastthread (1.0.7)  
fcgi (0.8.8)  
gchart (1.0.0)  
gem\_plugin (0.2.3)  
git (1.2.5)  
googlecharts (1.6.2)  
hoe (2.9.4)  
i18n (0.5.0, 0.4.2)  
jeweler (1.6.0)  
mail (2.3.0, 2.2.19)  
mime-types (1.16)  
mini\_magick (3.2.1)  
mongrel (1.1.5)  
mongrel\_cluster (1.0.5)  
mysql (2.8.1)  
passenger (3.0.7)  
pg (0.11.0)  
polyglot (0.3.1)  
postgres-pr (0.6.3)  
rack (1.2.3, 1.1.2, 1.0.1)  
rack-mount (0.7.2, 0.6.14)  
rack-test (0.5.7)  
rails (2.3.11, 2.3.5)  
railties (3.0.7)  
rake (0.8.7)  
rcov (0.9.9)  
RedCloth (4.2.7, 4.2.3)  
redmine\_plugin\_support (0.0.4)  
rmagick (2.13.1)  
rspec (2.6.0, 2.5.0)  
rspec-core (2.6.3, 2.5.1)  
rspec-expectations (2.6.0, 2.5.0)  
rspec-mocks (2.6.0, 2.5.0)  
rspec-rails (2.6.0)  
ruby-ole (1.2.11.1)  
rubygems-update (1.7.2)  
rubytrees (0.8.1, 0.5.2)  
rubyzip (0.9.4)  
russian (0.2.7)  
spreadsheet (0.6.5.4)  
sqlite3 (1.3.3)  
sqlite3-ruby (1.3.3)  
subexec (0.0.4)  
thor (0.14.6)  
tree (0.2.1)  
treetop (1.4.9)  
tzinfo (0.3.27)  
unicode (0.4.0)  
xmpp4r (0.5)  
zipruby (0.3.6)

#### Rails version

2.3.11

#### PostgreSQL version

8.1.23

#### Related issues:

Related to Redmine - Feature #5638: Use Bundler (Gemfile) for gem management

Closed

2010-06-02

#### History

##### #1 - 2011-06-10 09:58 - Etienne Massip

Not a Redmine issue but a config one.

Try to remove and gem install pg -- --with-pg-config=<path to pg8.1.23\_config> as specified by <https://bitbucket.org/ged/ruby-pg/wiki>.

##### #2 - 2011-06-10 11:23 - Alex A

Etienne Massip wrote:

Not a Redmine issue but a config one.

Try to remove and gem install pg -- --with-pg-config=<path to pg8.1.23\_config> as specified by <https://bitbucket.org/ged/ruby-pg/wiki>.

Unfortunately, this reinstalling does not help for me. Any ideas?

##### #3 - 2011-06-10 15:57 - Etienne Massip

Try using postgres-pr adapter instead of pg, it does not work very well with bytea and pg 9.x but maybe better with 8.x.

##### #4 - 2011-06-15 13:41 - Etienne Massip

- Status changed from New to Closed

- Resolution set to Invalid

Setup issue.

##### #5 - 2011-06-24 13:13 - Gilles Cornu

- Status changed from Closed to Reopened

I am also facing the same problem with following stack:

- Ubuntu 8.04.4 LTS, with standard packages:
  - PostgreSQL 8.3.15
- Gems:
  - postgres-pr 0.6.3

As mentioned in [RedmineInstall](#), postgres-pr is unmaintained and 0.6.3 seems to be the last release...

I'll study following changes on my side:

- switch to **pg** instead postgres-pr and test if it works with PostgreSQL 8.3.15
- install a backup of PostgreSQL 8.4 or 9.x for Ubuntu 8.04LTS

But anyway I think that Redmine Release Management should either:

- update [RedmineInstall](#) accordingly to new stack requirements for Redmine 1.2.0 (postgres-pr no more compatible ? Minimum PostgreSQL 8.4 ?).
- or
- fix Redmine 1.2.1 to be able to integrate with older PostgreSQL 8.x + postgres-pr 0.6.3

##### #6 - 2011-06-24 13:52 - Etienne Massip

- Status changed from Reopened to Closed

Gilles Cornu wrote:

But anyway I think that Redmine Release Management should either:

- update [RedmineInstall](#) accordingly to new stack requirements for Redmine 1.2.0 (postgres-pr no more compatible ? Minimum PostgreSQL 8.4 ?).

There is already some information in [RedmineInstall#Database](#).

or

- fix Redmine 1.2.1 to be able to integrate with older PostgreSQL 8.x + postgres-pr 0.6.3

This is not a Redmine bug (hence the status).

#### #7 - 2011-06-26 02:14 - Gilles Cornu

Alex A wrote:

Unfortunately, this reinstalling does not help for me. Any ideas?

For me installing 'pg' instead 'postgres-pr' resolved the problem. What is your status Alex ?

Etienne Massip wrote:

Try using postgres-pr adapter instead of pg, it does not work very well with bytea and pg 9.x but maybe better with 8.x.

Feedback on my configuration changes after meeting this *unescape\_bytea problem*:

- Problem could be fixed by replacing postgres-pr 0.6.3 (gem uninstalled) with **gem pg 0.9.0**
  - Note: I could not test with versions 0.10.x or 0.11.x because they require Ruby >= 1.8.7. Since I'm running with Ruby 1.8.6 (which is standard on Ubuntu 8.04LTS), I had to install version 0.9.0.
- I propose to enhance the Wiki Documentation by stressing out in [RedmineInstall#Database](#) that postgres-pr is no more 100% compatible with all the features of Redmine 1.2.0 (and later ?)

#### #8 - 2011-07-28 00:08 - Sudheer Prem L S

I uninstalled 'pg' and 'postgres-pr' and re-installed 'pg' alone with the following command and it resolved the issue  
gem install pg -- --with-pg-lib=<pg\_home>/lib --with-pg-config=<pg\_home>/bin/pg\_config