

## Redmine - Patch #28505

### Update pg gem to 1.0

2018-04-08 14:01 - Marius BĂLTEANU

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Gems support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.0.0		
<b>Description</b>			
Rails 5.1.5 supports pg gem 1.0			
<a href="https://github.com/rails/rails/blob/v5.1.6/activerecord/CHANGELOG.md#rails-515-february-14-2018">https://github.com/rails/rails/blob/v5.1.6/activerecord/CHANGELOG.md#rails-515-february-14-2018</a>			
Unfortunately, I can't run the test suite on PG as database engine.			
<b>Related issues:</b>			
Has duplicate Redmine - Feature #27985: Support of gem pg 1.0.0 (PostgreSQL)		<b>Closed</b>	
Copied from Redmine - Patch #28504: Update mysql2 gem to 0.5.0		<b>Closed</b>	

### Associated revisions

#### Revision 17358 - 2018-06-02 09:24 - Go MAEDA

Update pg gem to 1.0 (#28505).

Patch by Mizuki ISHIKAWA.

### History

#### #1 - 2018-04-08 14:01 - Marius BĂLTEANU

- Copied from Patch #28504: Update mysql2 gem to 0.5.0 added

#### #2 - 2018-04-08 14:05 - Go MAEDA

- Has duplicate Feature #27985: Support of gem pg 1.0.0 (PostgreSQL) added

#### #3 - 2018-04-12 01:49 - Mizuki ISHIKAWA

- pg 1.0.0
- postgresql 9.5.3

I confirmed that all the tests are green under the above conditions.

```
diff --git a/Gemfile b/Gemfile
index a3f99a1ec..94dc31301 100644
--- a/Gemfile
+++ b/Gemfile
@@ -62,7 +62,7 @@ if File.exist?(database_file)
   when 'mysql2'
     gem "mysql2", "~> 0.4.6", :platforms => [:mri, :mingw, :x64_mingw]
   when /postgresql/
-   gem "pg", "~> 0.18.1", :platforms => [:mri, :mingw, :x64_mingw]
+   gem "pg", "~> 1.0.0", :platforms => [:mri, :mingw, :x64_mingw]
   when /sqlite3/
     gem "sqlite3", "~>1.3.12", :platforms => [:mri, :mingw, :x64_mingw]
   when /sqlserver/
```

#### #4 - 2018-04-12 02:15 - Go MAEDA

- Target version set to 4.0.0

Mizuki ISHIKAWA wrote:

- pg 1.0.0

- postgresql 9.5.3

I confirmed that all the tests are green under the above conditions.

Thanks, setting target version to 4.0.0.

#### #5 - 2018-04-12 05:24 - Go MAEDA

pg 1.0.0 supports PostgreSQL 9.2 and later. If we update pg gem to 1.0.0, Redmine cannot run on some operating systems such as CentOS 6 (PostgreSQL is 8.4).

It may be too early to update to pg 1.0.0.

#### #6 - 2018-05-16 06:25 - Shinichi Yanagisawa

pg 1.0.0 supports PostgreSQL 9.2 and later. If we update pg gem to 1.0.0, Redmine cannot run on some operating systems such as CentOS 6 (PostgreSQL is 8.4).

It may be too early to update to pg 1.0.0.

PostgreSQL 8.4 is not a supported version in the PG community, so to update pg 1.0.0 is NOT too early in terms of security.

<https://www.postgresql.org/support/versioning/>

Anyway, CentOS 6 and 7 does not support Ruby 2.2 or higher as standard, but Redmine 4.0 will require Ruby 2.2 or higher. It means in any case Redmine 4.0 does not work on CentOS with only standard repository. I think you should consider the OS version that supports Ruby 2.2 or higher as a criteria and present PostgreSQL's workaround same as Ruby installation if they use an OS like CentOS.

#### #7 - 2018-05-16 10:21 - Go MAEDA

"Maintenance Support 1 Phase" for RHEL 6 and "Full Updates phase" for CentOS 6 ended on May 10, 2017. RHEL / CentOS 6 users should prioritize to update the operating system rather than Redmine.

[https://access.redhat.com/support/policy/updates/errata#Life\\_Cycle\\_Dates](https://access.redhat.com/support/policy/updates/errata#Life_Cycle_Dates)

<https://wiki.centos.org/About/Product>

#### #8 - 2018-06-02 09:28 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed. Thank you all for the contribution.