

Redmine - Patch #35816

Patch to add Postgis adapter support

2021-08-25 17:51 - Marcel B

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:			
Description			
<p>I've been running Redmine with postgis adapter for while to support a plugin for spatial data.</p> <p>The proposed patch is necessary to eliminate annoying warning messages from Gemfile and to allow Query with case insensitive (ILIKE), since postgis only adds spatial functions on top of the postgresql adapter.</p> <p>It was tested for several months on FreeBSD 12 and CentOS 7.</p>			

History

#1 - 2021-08-29 05:50 - Mischa The Evil

I'm not sure if this is something Redmine should support OOTB within the core.

What do other people think about this?

#2 - 2021-09-01 22:41 - Marcel B

Thanks for the opportunity to discuss this subject!

I think it is not going to break builtin compatibility with *pg adapter*, as stated in <https://rubygems.org/gems/activerecord-postgis-adapter> :

ActiveRecord connection adapter for PostGIS. It is based on the stock PostgreSQL adapter, and adds built-in support for the spatial extensions provided by PostGIS. It uses the RGeo library to represent spatial data in Ruby.

I read parts of the postgis source code, and it really uses pg adapter to address all non spatial queries.

Gemfile:

```
source "https://rubygems.org"

# Specify your gem's dependencies in activerecord-postgis-adapter.gemspec
gemspec

gem "pg", "~> 1.0", platform: :ruby
gem "activerecord-jdbcpostgresql-adapter", platform: :jruby
gem "ffi-geos", platform: :jruby
gem "byebug" if ENV["BYEBUG"]
```

Files

redmine-4.2-postgis.diff	1.16 KB	2021-08-25	Marcel B
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