Redmine - Defect #40214

NoMethodError (undefined method `with_advisory_lock!' for class Issue)

2024-02-08 14:37 - Guilherme Espindola

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Issues		**Estimated time:**	0.00 hour
Target version:				
Resolution:	Invalid		**Affected version:**	5.1.1

Description

When i try to delete an issue the following error occurs:

```
I, [2024-02-08T09:28:14.592092 #53517]  INFO -- : [99d242c2-a3dd-47fa-b7fe-c74d164771c9]   Current
 user: ivan.kruger (id=470)
I, [2024-02-08T09:28:14.606847 #53517]  INFO -- : [99d242c2-a3dd-47fa-b7fe-c74d164771c9] Completed
 500 Internal Server Error in 18ms (ActiveRecord: 3.7ms | Allocations: 5076)
F, [2024-02-08T09:28:14.607774 #53517] FATAL -- : [99d242c2-a3dd-47fa-b7fe-c74d164771c9]
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] NoMethodError (undefined method `with_advisory_lock!' for c
lass Issue):
[99d242c2-a3dd-47fa-b7fe-c74d164771c9]
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] lib/redmine/nested_set/issue_nested_set.rb:185:in `lock_nes
ted_set'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] lib/redmine/nested_set/issue_nested_set.rb:139:in `destroy_
children'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] app/models/issue.rb:251:in `destroy'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] app/controllers/issues_controller.rb:463:in `block in destr
oy'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] app/controllers/issues_controller.rb:461:in `each'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] app/controllers/issues_controller.rb:461:in `destroy'
[99d242c2-a3dd-47fa-b7fe-c74d164771c9] lib/redmine/sudo_mode.rb:61:in `sudo_mode'
```

Those are my redmine settings:

```
Environment:
  Redmine version                5.1.1.stable
  Ruby version                   3.3.0-p0 (2023-12-25) [x86_64-linux]
  Rails version                  6.1.7.6
  Environment                    production
  Database adapter               Mysql2
  Mailer queue                   ActiveJob::QueueAdapters::SuckerPunchAdapter
  Mailer delivery                smtp
Redmine settings:
  Redmine theme                  Alternate
SCM:
  Subversion                     1.14.1
  Git                            2.34.0
  Filesystem
Redmine plugins:
  redmine_agile                  1.6.5
  redmine_checklists             3.1.22
```

History

#1 - 2024-02-08 16:48 - Pavel Rosický

most likely you forgot to update your Gemfile

https://redmine.org/projects/redmine/wiki/RedmineUpgrade

#2 - 2024-02-08 17:13 - Guilherme Espindola

Pavel Rosický wrote in #note-1:

most likely you forgot to update your Gemfile

I already did it!

```
bitnami@debian:/opt/bitnami/redmine$ bundle install
Unknown database adapter `{"adapter"=>"mysql2", "database"=>"bitnami_redmine", "host"=>"127.0.0.1", "username"
=>"bn_redmine", "password"=>"77586cf2c43c18d1caaa5213d88ee15a9d04d508d5286276e0d8322698c5b304", "encoding"=>"u
tf8mb4", "port"=>"3306"}` found in config/database.yml, use Gemfile.local to load your own database gems
Unknown database adapter `{"adapter"=>"mysql2", "database"=>"bitnami_redmine", "host"=>"127.0.0.1", "username"
=>"bn_redmine", "password"=>"77586cf2c43c18d1caaa5213d88ee15a9d04d508d5286276e0d8322698c5b304", "encoding"=>"u
tf8mb4", "port"=>"3306"}` found in config/database.yml, use Gemfile.local to load your own database gems
Bundle complete! 44 Gemfile dependencies, 78 gems now installed.
Gems in the groups 'development' and 'test' were not installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
bitnami@debian:/opt/bitnami/redmine$
```

#3 - 2024-02-08 18:10 - Pavel Rosický

well, these warnings give you some advice on what's wrong
Unknown database adapter `{"adapter"=>"mysql2"...

it seems your config/database.yml looks like this


```
production:
  adapter:
    adapter: mysql2
    database: db
    host: localhost
    username: root
    password: ""
    encoding: utf8mb4
```

which is an invalid config, please double-check it against the example https://github.com/redmine/redmine/blob/master/config/database.yml.example

#4 - 2024-02-08 18:20 - Guilherme Espindola

Pavel Rosický wrote in #note-3:

> well, these warnings give you some advice on what's wrong
> *Unknown database adapter `{"adapter"=>"mysql2"...*
>
> it seems your config/database.yml looks like this
> [...]
>
> which is an invalid config, please double-check it against the example
> https://github.com/redmine/redmine/blob/master/config/database.yml.example

Thanks Pavel!

Despite these adapter errors my redmine was working, just not deleting the issues.

I solved my problem adjusting a parameter in Gemfile file:

Was

1. Include database gems for the adapters found in the database
2. configuration file
   require 'erb'
   require 'yaml'
   database_file = File.join(File.dirname(*FILE*), "config/database.yml")
   if File.exist?(database_file)
   yaml_config = ERB.new(IO.read(database_file)).result
   database_config = YAML.respond_to?(:unsafe_load) ? YAML.unsafe_load(yaml_config) : YAML.load(yaml_config)
   adapters = database_config.values. **filter** {|c| c['adapter']}.uniq
   if adapters.any?
   adapters.each do |adapter|
   case adapter
   when 'mysql2'
   gem "mysql2", "~> 0.5.0", :platforms => [:mri, :mingw, :x64_mingw]
   gem "with_advisory_lock"

```
      when /postgresql/
      gem 'pg', '~> 1.5.3', :platforms => [:mri, :mingw, :x64_mingw]
      when /sqlite3/
      gem 'sqlite3', '~> 1.6.0', :platforms => [:mri, :mingw, :x64_mingw]
      when /sqlserver/
      gem "tiny_tds", "~> 2.1.2", :platforms => [:mri, :mingw, :x64_mingw]
      gem "activerecord-sqlserver-adapter", "~> 6.1.0", :platforms => [:mri, :mingw, :x64_mingw]
      else
      warn("Unknown database adapter `#{adapter}` found in config/database.yml, use Gemfile.local to load your own database gems")
      end
      end
      else
      warn("No adapter found in config/database.yml, please configure it first")
      end
      else
```

Now

1. Include database gems for the adapters found in the database
2. configuration file
   ```
   require 'erb'
   require 'yaml'
   database_file = File.join(File.dirname(FILE), "config/database.yml")
   if File.exist?(database_file)
   yaml_config = ERB.new(IO.read(database_file)).result
   database_config = YAML.respond_to?(:unsafe_load) ? YAML.unsafe_load(yaml_config) : YAML.load(yaml_config)
   adapters = database_config.values. filter_map {|c| c['adapter']}.uniq
   if adapters.any?
   adapters.each do |adapter|
   case adapter
   when 'mysql2'
   gem "mysql2", "~> 0.5.0", :platforms => [:mri, :mingw, :x64_mingw]
   gem "with_advisory_lock"
   when /postgresql/
   gem 'pg', '~> 1.5.3', :platforms => [:mri, :mingw, :x64_mingw]
   when /sqlite3/
   gem 'sqlite3', '~> 1.6.0', :platforms => [:mri, :mingw, :x64_mingw]
   when /sqlserver/
   gem "tiny_tds", "~> 2.1.2", :platforms => [:mri, :mingw, :x64_mingw]
   gem "activerecord-sqlserver-adapter", "~> 6.1.0", :platforms => [:mri, :mingw, :x64_mingw]
   else
   warn("Unknown database adapter `#{adapter}` found in config/database.yml, use Gemfile.local to load your own database gems")
   end
   end
   else
   warn("No adapter found in config/database.yml, please configure it first")
   end
   else
   ```

I did that "adjustment" because on my first redmine upgrade from 5.0.5 to 5.1.1 was not working due that "filter_map" parameter, and when I removed it my redmine worked. Now I had to remove and issues are being deleted again!

#5 - 2024-02-08 18:22 - Guilherme Espindola

Pavel Rosický wrote in #note-3:

> well, these warnings give you some advice on what's wrong
> *Unknown database adapter `{"adapter"=>"mysql2"...*
>
> it seems your config/database.yml looks like this
> [...]
>
> which is an invalid config, please double-check it against the example
> https://github.com/redmine/redmine/blob/master/config/database.yml.example

My config/database.yml

```
root@debian:/opt/bitnami/redmine# cat config/database.yml
# Default setup is given for MySQL 5.7.7 or later.
# Examples for PostgreSQL, SQLite3 and SQL Server can be found at the end.
# Line indentation must be 2 spaces (no tabs).
production:
  adapter: mysql2
  database: bitnami_redmine
```

```
  host: 127.0.0.1
  username: bn_redmine
  password: "77586cf2c43c18d1caaa5213d88ee15a9d04d508d5286276e0d8322698c5b304"
  # Use "utf8" instead of "utfmb4" for MySQL prior to 5.7.7
  encoding: utf8mb4
  port: "3306"
root@debian:/opt/bitnami/redmine#
```

#6 - 2024-02-08 19:04 - Pavel Rosický

before an upgrade, you should check the software requirements https://redmine.org/projects/redmine/wiki/RedmineInstall#Requirements and if you have issues, revert your modifications first.

Ruby < 2.7 support has been dropped by Redmine #38134 a year ago (and it's EOL since 2022-04-12)

however, if someone tries to do it anyway, I agree that the error message shouldn't be about a missing method.
https://github.com/redmine/redmine/commit/0b6f4c6811a4a4e823674e3bb8b970ee46a9194b#diff-d09ea66f8227784ff4393d88a19836f321c915ae10031d16c93d67e6283ab55fR66
but it's probably too late to change it back...

#7 - 2024-02-08 23:05 - Go MAEDA

- Status changed from New to Closed

- Resolution set to Invalid

Thank you for your feedback.