

Redmine - Defect #4394

Broken db:migrate:plugins

2009-12-14 14:34 - Alexey Palazhchenko

Status:	Closed	Start date:	2009-12-14
Priority:	Normal	Due date:	
Assignee:	Eric Davis	% Done:	0%
Category:	Plugin API	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Fixed		
Description			
<p>Commit r3090 (Converted Menus to a Tree structure to allow submenus) broke rake task db:migrate:plugins.</p> <pre>\$ rake db:drop db:create db:migrate db:migrate:plugins ... === AddVersionsSharing: migrated (0.0133s) ===== rake aborted! undefined method `migration_directory' for #<Rails::GemPlugin:0xb7178600> (See full trace by running task with --trace)</pre>			

Associated revisions

Revision 3186 - 2009-12-18 15:41 - Jean-Philippe Lang

Fixed: rubytrees gem breaks db:migrate:plugins (#4394).

History

#1 - 2009-12-14 14:40 - Alexey Palazhchenko

Specifying plugin name doesn't help:

```
$ rake db:drop db:create db:migrate
$ rake --trace db:migrate:plugins PLUGIN=test_plugin

(in /home/aleksi/MyCode/redmine-github)
** Invoke db:migrate:plugins (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate:plugins
rake aborted!
undefined method `migration_directory' for #<Rails::GemPlugin:0xb7015de4>
/home/aleksi/MyCode/redmine-github/vendor/plugins/engines/tasks/engines.rake:40
/home/aleksi/MyCode/redmine-github/vendor/plugins/engines/tasks/engines.rake:39:in `each'
/home/aleksi/MyCode/redmine-github/vendor/plugins/engines/tasks/engines.rake:39
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:636:in `call'
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:636:in `execute'
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:631:in `each'
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:631:in `execute'
```

```
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:597:in `invoke_with_call_chain'  
/home/aleksi/.rvm/ruby-1.8.7-p174/lib/ruby/1.8/monitor.rb:242:in `synchronize'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_call_chain'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2029:in `each'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2001:in `run'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/lib/rake.rb:1998:in `run'  
/home/aleksi/.rvm/gems/ruby/1.8.7/gems/rake-0.8.7/bin/rake:31  
/home/aleksi/.rvm/ruby-1.8.7-p174/bin/rake:22:in `load'  
/home/aleksi/.rvm/ruby-1.8.7-p174/bin/rake:22
```

#2 - 2009-12-15 00:45 - Mischa The Evil

Can you provide the output of `./script/about` (see [\[\[SubmittingBugs\]\]](#))?

#3 - 2009-12-15 21:46 - Alexey Palazhchenko

```
$ ruby script/about  
About your application's environment  
Ruby version      1.8.7 (i686-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/aleksi/Sites/redmine  
Environment      development  
Database adapter  mysql  
Database schema version 20091205124427
```

Same error with Ruby 1.8.6-p383.

#4 - 2009-12-17 02:56 - Alexey Lustin

- *File Engine_plugins_list_last_two_elements.jpg added*

same problem

```
$ ruby script/about
```

```
Ruby version      1.8.6 (i386-mswin32)
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  D:/work/development/Docflow/redmine-docflow
Environment       development
Database adapter  sqlite3
Database schema version 20091205124427
```

About your Redmine plugins

Kanban 0.1.1

the Exception

```
undefined method `migration_directory' for #<Rails::GemPlugin:0x3ef4248>
```

in the *vendor/plugins/engines/tasks/engines.rake:40*

```
Engines.plugins.each do |plugin|
  next unless File.exists? plugin.migration_directory # Exception in this line
  puts "Migrating plugin #{plugin.name} ..."
  plugin.migrate
end
```

with plugin.name **rubytree**

Engines.plugins collect the list with **Engines::Plugin** object, but the last element is the type **Rails::Gem**

see the Netbeans debugger screenshots below

[Engine_plugins_list_last_two_elements.jpg](#)

#5 - 2009-12-17 03:29 - Alexey Lustin

this dirty hack resolve this problem

in the *vendor/plugins/engines/tasks/engines.rake:39*

add new line ;-)

```
Engines.plugins.each do |plugin|
  next unless plugin.class.to_s.eql? "Engines::Plugin"
  next unless File.exists? plugin.migration_directory # Exception in this line
  puts "Migrating plugin #{plugin.name} ..."
  plugin.migrate
end
```

plugins start migrate correctly, but this is NOT correct coding

#6 - 2009-12-17 04:05 - Alexey Lustin

GemPlugin collecting because the Engines expect as Plugin also a gems
see the in the [boot.rb](#)

```
# initialize Rails::Configuration with our own default values to spare users
# some hassle with the installation and keep the environment cleaner

{ :default_plugin_locators => (defined?(Gem) ? [Rails::Plugin::GemLocator] : []).push(Engines::Plugin::FileSystemLocator),
  :default_plugin_loader => Engines::Plugin::Loader,
  :default_plugins => [:engines, :all] }.each do |name, default|
  Rails::Configuration.send(:define_method, name) { default }
end
```

see the **Rails::Plugin::GemLocator** ? - gems must be added to plugins migrations, but GemPlugin does not contain method **migration_directory**, that's why we have an Exception.

how we must wait for Eric Davis - what he say about this.

P.S. In my production i add a dirty hack because i don't use the plugins as gems

#7 - 2009-12-18 15:35 - Jean-Philippe Lang

- Status changed from New to Closed
- Affected version (unused) set to devel
- Resolution set to Fixed

Fix committed in r3186.

#8 - 2009-12-18 21:24 - Alexey Palazhchenko

Thanks, Jean-Philippe.

#9 - 2009-12-24 20:00 - Eric Davis

I'll see about submitting this fix back to the Rails Engines project.

Files

Engine_plugins_list_last_two_elements.jpg	39.2 KB	2009-12-17	Alexey Lustin
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