Redmine - Defect #33121
IssueQuery not usable from plugins
2020-03-10 15:00 - Stefan Rinkes

Status: New
Priority: Normal
Assignee:
Category: Plugin API
Target version: 
Resolution: 

Start date: 
Due date: 0%
% Done: 0%
Estimated time: 0.00 hour
Affected version: 4.1.0

Description

I'm currently working on updating some plugins for the usage with Redmine 4.1.0.

And noticed I cannot init Redmine while my plugins are already located in plugins-folder.

I stripped it down to an patch for IssueQuery included in the plugin.

Here's a minimal plugin to trigger the issue:

```ruby
require 'redmine'

module RedmineA
  module IssueQueryPatch
    end
  end

  module ProjectPatch
    end
  end

  Rails.configuration.to_prepare do
    unless Project.included_modules.include? RedmineA::ProjectPatch
      Project.send(:include, RedmineA::ProjectPatch)
    end

    unless IssueQuery.included_modules.include? RedmineA::IssueQueryPatch
      IssueQuery.send(:include, RedmineA::IssueQueryPatch)
    end
  end

  Redmine::Plugin.register :redmine_a do
    name 'Redmine Test Plugin'
    author 'Stefan Rinkes'
    description 'To show IssueQuery-Patch failure'
    version '0.0.0'
  end

end
```

Place this as `/usr/src/redmine/plugins/redmine_a/init.rb` and try to create a brand new database.

```
# rake db:create
```

2020-06-12
ActiveRecord::NoDatabaseError: Unknown database 'redmine_test'

/rake aborted!

ActiveRecord::RecordNotFound

/rake aborted!
Caused by:
Mysql2::Error: Unknown database 'redmine_test'

/usr/local/bundle/gems/mysql2-0.5.3/lib/mysql2/client.rb:90:in `connect'
/usr/local/bundle/gems/mysql2-0.5.3/lib/mysql2/client.rb:90:in `initialize'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/mysql2_adapter.rb:22:in `mysql2_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:830:in `new_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:874:in `checkout_new_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:853:in `try_to_checkout_new_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:814:in `acquire_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:538:in `checkout'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:382:in `connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_adapters/abstract/connection_pool.rb:1033:in `retrieve_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_handling.rb:118:in `retrieve_connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/connection_handling.rb:90:in `connection'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/model_schema.rb:466:in `load_schema'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/attributes.rb:234:in `load_schema'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/attribute_decorators.rb:51:in `load_schema'
/usr/local/bundle/gems/activerecord-5.2.4.1/lib/active_record/model_schema.rb:459:in `block in load_schema'
Removing the plugin will let you create the database and works flawlessly once the database is there.