

Redmine - Defect #36892

Redmine does not start when installed --without markdown

2022-04-04 20:26 - Holger Just

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Mariusus BĂLTEANU	% Done:	0%
Category:	Gems support	Estimated time:	0.00 hour
Target version:	5.0.1	Affected version:	5.0.0
Resolution:	Fixed		
Description			
When installing Redmine 5.0.0 with			
<pre>bundle install --without markdown</pre>			
it fails with the following stack trace:			
<pre>A formatter class is required ~/redmine-5.0.0/lib/redmine/wiki_formatting.rb:45:in `register' ~/redmine-5.0.0/lib/redmine/preparation.rb:400:in `block in prepare' ~/redmine-5.0.0/lib/redmine/wiki_formatting.rb:31:in `map' ~/redmine-5.0.0/lib/redmine/preparation.rb:396:in `prepare' ~/redmine-5.0.0/config/initializers/30-redmine.rb:11:in `block in <top (required)>' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:427:in `instance_exec' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:427:in `block in make_lambda' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:198:in `block (2 levels) in halting' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:604:in `block (2 levels) in default_terminator' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:603:in `catch' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:603:in `block in default_terminator' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:199:in `block in halting' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:512:in `block in invoke_before' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:512:in `each' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:512:in `invoke_before' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/callbacks.rb:105:in `run_callbacks' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/reloader.rb:88:in `prepare!' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/application/finisher.rb:124:in `block in <module:Finisher>' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/initializable.rb:32:in `instance_exec' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/initializable.rb:32:in `run' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/initializable.rb:61:in `block in run_initializers' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/initializable.rb:60:in `run_initializers' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/application.rb:391:in `initialize!' ~/redmine-5.0.0/config/environment.rb:16:in `<top (required)>' ~/gem/ruby/2.7.5/gems/zeitwerk-2.5.4/lib/zeitwerk/kernel.rb:35:in `require' ~/gem/ruby/2.7.5/gems/zeitwerk-2.5.4/lib/zeitwerk/kernel.rb:35:in `require' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/dependencies.rb:332:in `block in require' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/dependencies.rb:299:in `load_dependency' ~/gem/ruby/2.7.5/gems/activerecord-6.1.4.7/lib/active_support/dependencies.rb:332:in `require' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/application.rb:367:in `require_environment!' ~/gem/ruby/2.7.5/gems/railties-6.1.4.7/lib/rails/application.rb:533:in `block in run_tasks_blocks'</pre>			

```
'
~/ .gem/ruby/2.7.5/gems/rake-13.0.6/exe/rake:27:in `<top (required)>'
~/ .gem/ruby/2.7.5/bin/bundle:25:in `load'
~/ .gem/ruby/2.7.5/bin/bundle:25:in `<main>'
Tasks: TOP => db:migrate => db:load_config => environment
```

Although the redcarpet gem is not a strict requirement with the commonmark gem, in Redmine it is currently required by the CommonMark formatter because `Redmine::WikiFormatting::CommonMark::Formatter < Redmine::WikiFormatting::Markdown::Formatter`. The file where the Markdown formatter is defined, namely `lib/redmine/wiki_formatting/markdown/formatter.rb` however defines a sub-class of a Redcloth class. This fails without Redcloth being available.

To solve this, we could either:

- include redcloth in the common_mark group in the Gemfile
- or extract the markdown parts into different files / modules so that the common_mark stuff can be loaded without Redcloth being present.

Related issues:

Related to Redmine - Feature #37119: Drop redcarpet dependency for common_mar...

Closed

Associated revisions

Revision 21575 - 2022-05-15 12:54 - Marius BĂLTEANU

Add redcarpet gem to common_mark group because the common_mark implementation requires it and Redmine won't start when it is installed without markdown group (#36892).

Revision 21576 - 2022-05-15 12:58 - Marius BĂLTEANU

Merged r21575 to 5.0-stable (#36892).

History

#1 - 2022-04-05 08:56 - Marius BĂLTEANU

- Status changed from New to Confirmed

- Target version set to 5.0.1

#2 - 2022-04-05 08:57 - Marius BĂLTEANU

Holger Just wrote:

To solve this, we could either:

- include redcloth in the common_mark group in the Gemfile
- or extract the markdown parts into different files / modules so that the common_mark stuff can be loaded without Redcloth being present.

I think the second option sounds better.

#3 - 2022-05-12 08:04 - Marius BĂLTEANU

- Assignee set to Marius BĂLTEANU

I took a look again on this and for [5.0.1](#) it's better to go with option 1 because it doesn't require to many code changes. I'm going to commit the following change:

```
root@0f0593a01efb:/work# git diff
diff --git a/Gemfile b/Gemfile
index 25134c106..64fbd4fc6 100644
--- a/Gemfile
+++ b/Gemfile
@@ -50,6 +50,9 @@ group :common_mark do
   gem "commonmarker", (Gem.ruby_version < Gem::Version.new('2.6.0') ? '0.21.0' : '0.23.1')
   gem "sanitize", "~> 6.0"
   gem 'deckar01-task_list', '2.3.2'
+ # ToDo: Remove redcarpet dependency when common_mark is decoupled from markdown.
+ # See defect (#36892) for more details.
+ gem 'redcarpet', '~> 3.5.1'
end
```

For version 5.1, I'll add a new tichet to implement the second option.

#4 - 2022-05-12 16:01 - Holger Just

I don't think it's a good idea to define the redcarpet gem two times (in the markdown and commonmark groups) as this will cause a warning from bundler and could result in errors later when the version is updated in only one place.

Instead, it should probably be extracted as e.g.

```
gem 'redcarpet', '~> 3.5.1', :groups => [:markdown, :common_mark]
```

#5 - 2022-05-15 12:57 - Marius BĂLTEANU

- *Resolution set to Fixed*

Thanks Holger, I didn't see the warning.

I've committed now the change and I've created ([#37119](#)) to properly fix this.

#6 - 2022-05-15 12:58 - Marius BĂLTEANU

- *Status changed from Confirmed to Closed*

#7 - 2023-05-22 17:28 - Holger Just

- *Related to Feature #37119: Drop redcarpet dependency for common_mark formatter added*