I got the following warning while testing test/system.
This is caused by a version of capybara in Gemfile ("~> 2.13").

$ rake test TEST=test/system

WARN Selenium [DEPRECATION] Selenium::WebDriver::Error::UnhandledError is deprecated. Use Selenium::WebDriver::Error::UnknownError (ensure the driver supports W3C WebDriver specification) instead.
WARN Selenium [DEPRECATION] Selenium::WebDriver::Error::ElementNotVisibleError is deprecated. Use Selenium::WebDriver::Error::ElementNotInteractableError (ensure the driver supports W3C WebDriver specification) instead.

From the above, How about removing Capybara's version?

diff --git a/Gemfile b/Gemfile
index 37449f09f..3a5212e26 100644
--- a/Gemfile
+++ b/Gemfile
@@ -81,7 +81,7 @@ group :test
gem "ffi", platforms: [:mingw, :x64_mingw, :mswin]
 # For running system tests
gem 'puma', '~> 3.7'
- gem "capybara", '~> 2.13'
+ gem "capybara"
gem "selenium-webdriver"
 # RuboCop
gem 'rubocop', '~> 0.72.0'

Related issues:
Copied to Redmine - Patch # 32453: Update capybara (~> 3.31.0) Closed

Associated revisions
Revision 18330 - 2019-07-24 12:14 - Go MAEDA

Update capybara (~> 3.25.0) (#31657).

Patch by Takenori TAKAKI and Pavel Rosický.
Thank you for reporting this issue.

I think it is better to pin the version to the tested one. Unintended update of gems may break test.

diff --git a/Gemfile b/Gemfile
index 37449f09f..9aa6e66f5 100644
--- a/Gemfile
+++ b/Gemfile
@@ -81,7 +81,7 @@ group :test
do
gem "ffi", platforms: [:mingw, :x64_mingw, :mswin]
  # For running system tests
  gem "puma", "~> 3.7"
-gem "capybara", "~> 2.13"
+gem "capybara", "~> 3.25.0"
  gem "selenium-webdriver"
  # RuboCop
  gem 'rubocop', "~> 0.72.0"

Thank you for your comment Mr. Maeda.

Go MAEDA wrote:

> I think it is better to pin the version to the tested one. Unintended update of gems may break test.

I have the same opinion as you.

When I ran the test, I needed to fix the test code.
So I posted the patch again.

IssuesTest#test_issue_trackers_description_should_select_tracker randomly fails.

..........................................................[Screenshot]: tmp/screenshots/failures_test_issue_trackers_description_should_select_tracker.png
F

Failure:
IssuesTest#test_issue_trackers_description_should_select_tracker [/Users/maeda/redmines/redmine-trunk/test/system/issues_test.rb:350]:

2020-04-07
Expected false to be truthy.

bin/rails test/test/system/issues_test.rb:344

#4 - 2019-07-23 00:46 - Pavel Rosický
- File issues_test.rb.patch added

Go MAEDA it fails because of scroll animations https://github.com/redmine/redmine/blob/master/public/javascripts/application.js#L28

#5 - 2019-07-24 11:26 - Go MAEDA

Pavel Rosický wrote:

Go MAEDA it fails because of scroll animations https://github.com/redmine/redmine/blob/master/public/javascripts/application.js#L28

No errors are observed after applying your patch. Thanks.

#6 - 2019-07-24 11:48 - Go MAEDA
- Subject changed from Update capybara (~> 3.25.0) to Update capybara (~> 3.15.1)

Capybara 3.25.0 cannot be used because Redmine 4.1.0 supports Ruby 2.3 but Capybara 3.25.0 does not. The last version of Capybara which supports Ruby 2.3 is 3.15.1.

#7 - 2019-07-24 11:59 - Go MAEDA
- Subject changed from Update capybara (~> 3.15.1) to Update capybara (~> 3.25.0)

Index: Gemfile
===================================================================
--- Gemfile (revision 18329)
+++ Gemfile (working copy)
@@ -81,7 +81,7 @@
 gem "ffi", platforms: [:mingw, :x64_mingw, :mswin]
 # For running system tests
 gem "puma", "~> 3.7"
- gem "capybara", "~> 2.13"
+ gem "capybara", (RUBY_VERSION < "2.4" ? "~> 3.15.1" : "~> 3.25.0")
 gem "selenium-webdriver"
 # RuboCop
 gem 'rubocop', "~> 0.72.0"

#8 - 2019-07-24 12:14 - Go MAEDA
- Status changed from New to Closed
- Assignee set to Go MAEDA
Committed the patch. Thank you.

#9 - 2019-11-12 05:02 - Takenori TAKAKI
- Status changed from Closed to Reopened

The latest version of Capybara (3.29.0) has been released, so I updated the gem and re-tested the "test/system".
And I confirmed that all tests passed.

```diff
-81,7 +81,7
@@ -81,7 +81,7 @@
  group :test
+  do
    gem "ffi", platforms: [:mingw, :x64_mingw, :mswin]
    # For running system tests
    gem 'puma', '~> 3.7'
- gem "capybara", (RUBY_VERSION < "2.4" ? ~> 3.15.1 : ~> 3.25.0)
+ gem "capybara", (RUBY_VERSION < "2.4" ? ~> 3.15.1 : ~> 3.29.0)
    gem "selenium-webdriver"
    # RuboCop
    gem 'rubocop', '~> 0.76.0'
```

#10 - 2019-11-12 05:54 - Go MAEDA
- Copied to Patch #32453: Update capybara (~> 3.31.0) added

#11 - 2019-11-12 05:57 - Go MAEDA
- Status changed from Reopened to Closed

Takenori TAKAKI wrote:

> The latest version of Capybara (3.29.0) has been released, so I updated the gem and re-tested the "test/system".
> And I confirmed that all tests passed.

Thank you for testing the latest version of Capybara. But 4.1-stable branch has been created and Redmine 4.1.0 is about to be released, so I have opened a new issue #32453 for Redmine 4.2.0.

Files

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<td>880 B</td>
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<td>Takenori TAKAKI</td>
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