

Redmine - Defect #37884

All system tests fail on 4.2-stable branch with "ArgumentError: unknown keyword: :desired_capabilities"

2022-11-03 06:08 - Ko Nagase

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Gems support	Estimated time:	0.00 hour
Target version:	4.2.9	Affected version:	4.2.8
Resolution:	Fixed		

Description

I am trying system test on GitHub Actions CI, but I noticed that all system tests failed on "4.2-stable" branch.
https://github.com/sanak/redmine_text_blocks/actions/runs/3382111397/jobs/5616692628#step:13:25

```
Error:
IssuesSystemTest#test_update_journal_notes_with_preview:
ArgumentError: unknown keyword: :desired_capabilities
  test/application_system_test_case.rb:74:in `log_user'
  test/system/issues_test.rb:492:in `test_update_journal_notes_with_preview'

Error:
IssuesSystemTest#test_update_journal_notes_with_preview:
ArgumentError: unknown keyword: :desired_capabilities
  /usr/local/bundle/gems/selenium-webdriver-4.5.0/lib/selenium/webdriver/common/driver.rb:319:in
`create_bridge'
  /usr/local/bundle/gems/selenium-webdriver-4.5.0/lib/selenium/webdriver/common/driver.rb:74:in
`initialize'
  /usr/local/bundle/gems/selenium-webdriver-4.5.0/lib/selenium/webdriver/common/driver.rb:47:in
`new'
  /usr/local/bundle/gems/selenium-webdriver-4.5.0/lib/selenium/webdriver/common/driver.rb:47:in
`for'
  /usr/local/bundle/gems/selenium-webdriver-4.5.0/lib/selenium/webdriver.rb:89:in `for'
  /usr/local/bundle/gems/capybara-3.31.0/lib/capybara/selenium/driver.rb:51:in `browser'
:
Finished in 1.521672s, 34.1729 runs/s, 0.6572 assertions/s.
52 runs, 1 assertions, 0 failures, 52 errors, 0 skips
```

The same system test on "5.0-stable" branch was no problem about the error, even if a few tests failed.
https://github.com/sanak/redmine_text_blocks/actions/runs/3382111397/jobs/5616693089

```
:
Finished in 113.501929s, 0.5198 runs/s, 2.7048 assertions/s.
59 runs, 307 assertions, 3 failures, 3 errors, 0 skips
```

Associated revisions

Revision 21951 - 2022-11-03 06:39 - Go MAEDA
Merged r21256 from trunk to 4.2-stable (#37884).

History

#1 - 2022-11-03 06:09 - Ko Nagase
From comparing Gemfile difference,
"master(trunk)" and "5.0-stable" branch limits "selenium-webdriver" version ("~> 3.142.7"),
<https://github.com/redmine/redmine/blob/master/Gemfile#L103-L104>
<https://github.com/redmine/redmine/blob/5.0-stable/Gemfile#L103-L104>

```
gem "selenium-webdriver", "~> 3.142.7"
```

```
gem 'webdrivers', '4.6.1', require: false
```

but "4.2-stable" branch doesn't limit "selenium-webdriver" version, and therefor higher 4.5.0 version is installed.
<https://github.com/redmine/redmine/blob/4.2-stable/Gemfile#L103-L104>

```
gem "selenium-webdriver"  
gem 'webdrivers', '~> 4.4', require: false
```

From the "selenium-webdriver" GitHub repository's change log, "desired_capabilities" seems to be removed from 4.3.0,

- <https://github.com/SeleniumHQ/selenium/blob/trunk/rb/CHANGES#L52>

```
Remove deprecated support for `:desired_capabilities` & `:options` with `Hash` argument
```

so it may be better to limit "selenium-webdriver" version with the same condition ("~> 3.142.7") as "master(trunk)" and "5.0-stable" branches.

#2 - 2022-11-03 06:37 - Ko Nagase

- File 001-limit-selenium-webdriver-for-4_2-stable.patch added

With the attachment patch "001-limit-selenium-webdriver-for-4_2-stable.patch" for "4.2-stable" branch, I confirmed that the "desired_capabilities" errors were solved.

https://github.com/sanak/redmine_text_blocks/actions/runs/3383207631/jobs/5618896942#step:13:118

#3 - 2022-11-03 06:40 - Ko Nagase

- File 001-limit-selenium-webdriver-for-4_2-stable-2.patch added

Sorry, I missed that "master(trunk)" and "5.0-stable" branches are using double quotes for "selenium-webdriver", so I reverted the quote type with this attachment file.

#4 - 2022-11-03 06:41 - Go MAEDA

- Subject changed from *All system tests failed on 4.2-stable branch with "ArgumentError: unknown keyword: :desired_capabilities"* to *All system tests fail on 4.2-stable branch with "ArgumentError: unknown keyword: :desired_capabilities"*

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Target version set to 4.2.9

- Resolution set to Fixed

Fixed the issue by merging [r21256](#) into 4.2-stable. Thank you for reporting the issue.

#5 - 2022-11-03 06:49 - Ko Nagase

Go MAEDA wrote:

Fixed the issue by merging [r21256](#) into 4.2-stable. Thank you for reporting the issue.

Okay, thanks!

#6 - 2022-11-03 09:29 - Marco Ferretti

Hi,
just updated 4.2-stable and have an issue with selenium webdriver:

```
bundle update  
[DEPRECATED] Your Gemfile contains multiple primary sources. Using `source` more than once without a block is  
a security risk, and may result in installing unexpected gems. To resolve this warning, use a block to indicat  
e which gems should come from the secondary source.
```

```
[...]
```

```
Fetching gem metadata from http://rubygems.org/.....  
Fetching gem metadata from https://rubygems.org/.....  
Fetching gem metadata from http://rubygems.org/..  
Fetching gem metadata from https://rubygems.org/..
```

```
Could not find gem 'selenium-webdriver (~> 3.142.7) x86_64-linux' in rubygems repository http://rubygems.org/,  
https://rubygems.org/ or installed locally.
```

```
The source contains the following gems matching 'selenium-webdriver (~> 3.142.7)':  
* selenium-webdriver-3.142.7
```

I tried manual install of selenium-webdriver-3.142.7 :

```
gem install selenium-webdriver -v 3.142.7  
Fetching childprocess-3.0.0.gem  
Fetching selenium-webdriver-3.142.7.gem  
Successfully installed childprocess-3.0.0  
Successfully installed selenium-webdriver-3.142.7  
2 gems installed
```

then re-run the update, same issue.

#7 - 2022-11-03 10:32 - Ko Nagase

Marco Ferretti wrote:

```
Hi,  
just updated 4.2-stable and have an issue with selenium webdriver:  
[...]
```

```
I tried manual install of selenium-webdriver-3.142.7 :  
[...]  
then re-run the update, same issue.
```

Hi Marco,
What is your local environment details ?

I tried the following environments, but I haven't encountered the above problem.

- redmine: 4.2-stable branch
- OS/ruby version:
 - M1 Mac (Monterey)/2.6
 - Ubuntu 22.04 (on GitHub Actions)/2.6, 2.7

Also, when reverting Gemfile locally, which version of selenium-driver is installed ?

```
--- Gemfile  
+++ Gemfile  
@@ -100,7 +100,7 @@ group :test do  
  # TODO: Remove version specification once Capybara supports Puma 6  
  gem 'puma', '< 6.0.0'  
  gem 'capybara', '~> 3.31.0'  
-  gem "selenium-webdriver", "~> 3.142.7"  
+  gem "selenium-webdriver"  
  gem 'webdrivers', '~> 4.4', require: false  
  # RuboCop  
  gem 'rubocop', '~> 1.12.0'
```

#8 - 2022-11-03 10:40 - Marco Ferretti

I just emptied the config and it now works updates. I had

```
---  
BUNDLE_WITHOUT: "development:test "
```

pretty odd ...

#9 - 2022-11-03 10:43 - Ko Nagase

Marco Ferretti wrote:

```
I just emptied the config and it now works updates. I had  
[...]
```

pretty odd ...

Okay, nice to hear about that.
Thanks for comment!

Files

001-limit-selenium-webdriver-for-4_2-stable.patch	405 Bytes	2022-11-03	Ko Nagase
001-limit-selenium-webdriver-for-4_2-stable-2.patch	405 Bytes	2022-11-03	Ko Nagase