

Redmine - Patch #32527

Fix ruby 2.7 warning: given argument is nil; this will raise a TypeError in the next release

2019-11-28 18:21 - Seiei Miyagi

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: Ruby support	Estimated time: 0.00 hour
Target version:	
Description the `request.env["HTTP_USER_AGENT"]` may `nil`. e.g. `curl -A " http://localhost:3000 ` Quote from ruby 2.7 preview3 NEWS file: Regexp#match and Regexp#match? with a nil argument are deprecated and will raise a TypeError in the next release. [Feature \#13083] https://github.com/ruby/ruby/blob/v2_7_0_preview3/NEWS#core-classes-updates-outstanding-ones-only cf. https://bugs.ruby-lang.org/issues/13083	
Related issues: Related to Redmine - Feature #31500: Ruby 2.7 support Closed	

Associated revisions

Revision 19324 - 2019-11-30 06:40 - Go MAEDA

Ruby 2.7: Regexp#match and Regexp#match? with a nil argument are deprecated (#32527, #31500).

History

#1 - 2019-11-28 19:23 - Pavel Rosický

There're already tons of deprecation warnings on Ruby 2.7. The patch looks good, but you have to use Regexp#match? instead of String#match?, because Redmine still supports Ruby 2.3.

#2 - 2019-11-28 23:06 - Go MAEDA

- Related to Feature #31500: Ruby 2.7 support added

#3 - 2019-11-28 23:38 - Go MAEDA

Pavel Rosický wrote:

The patch looks good, but you have to use Regexp#match? instead of String#match?, because Redmine still supports Ruby 2.3.

```
$ ruby -v
ruby 2.3.8p459 (2018-10-18 revision 65136) [x86_64-darwin18]
$ ruby test/functional/attachments_controller_test.rb
Run options: --seed 63689

# Running:

.....E

Error:
AttachmentsControllerTest#test_download_text_file:
NoMethodError: undefined method `match?' for "Rails Testing":String
Did you mean?  match
    app/controllers/application_controller.rb:647:in `filename_for_content_disposition'
    app/controllers/attachments_controller.rb:75:in `download'
    lib/redmine/sudo_mode.rb:64:in `sudo_mode'
    test/functional/attachments_controller_test.rb:302:in `test_download_text_file'
```

bin/rails test test/functional/attachments_controller_test.rb:301

#4 - 2019-11-29 02:19 - Seiei Miyagi

I will update the patch. By the way, in ruby 2.3, both “String # match?” and “Regexp # match?” do not exist.
<https://docs.ruby-lang.org/en/2.3.0/Regexp.html>

```
root@0554350dda7e:/all-ruby# bin/ruby-2.3.8 -ve '//.match?("") '
ruby 2.3.8p459 (2018-10-18 revision 65136) [x86_64-linux]
-e:1:in `<main>': undefined method `match?' for //:Regexp (NoMethodError)
Did you mean?  match
```

I don't know why the build passed on ruby-2.3
<https://www.redmine.org/builds/>

#5 - 2019-11-29 02:30 - Go MAEDA

Seiei Miyagi wrote:

I will update the patch. By the way, in ruby 2.3, both “String # match?” and “Regexp # match?” do not exist.
<https://docs.ruby-lang.org/en/2.3.0/Regexp.html>

[...]

I don't know why the build passed on ruby-2.3
<https://www.redmine.org/builds/>

Regexp#match? is defined by ActiveSupport for older versions of Ruby. Please see [#28940](#) for details.

#6 - 2019-11-29 16:29 - Seiei Miyagi

- File 0001-Fix-ruby-2.7-warning-given-argument-is-nil-this-will.patch added

Go MAEDA wrote:

Seiei Miyagi wrote:

I will update the patch. By the way, in ruby 2.3, both “String # match?” and “Regexp # match?” do not exist.
<https://docs.ruby-lang.org/en/2.3.0/Regexp.html>

[...]

I don't know why the build passed on ruby-2.3
<https://www.redmine.org/builds/>

Regexp#match? is defined by ActiveSupport for older versions of Ruby. Please see [#28940](#) for details.

I fully understand. thank you!

Updated the patch.

#7 - 2019-11-30 02:52 - Go MAEDA

Seiei Miyagi wrote:

Updated the patch.

What do you think about the following code? It is simpler and very slightly efficient.

```
Index: app/controllers/application_controller.rb
=====
--- app/controllers/application_controller.rb      (000000 19319)
+++ app/controllers/application_controller.rb      (000000)
@@ -644,7 +644,7 @@
 
 # Returns a string that can be used as filename value in Content-Disposition header
 def filename_for_content_disposition(name)
-  %r{(MSIE|Trident|Edge)}.match?(request.env['HTTP_USER_AGENT']) ? ERB::Util.url_encode(name) : name
+  %r{(MSIE|Trident|Edge)}.match?(request.env['HTTP_USER_AGENT'].to_s) ? ERB::Util.url_encode(name) : name
 end
```

```
def api_request?
```

#8 - 2019-11-30 03:47 - Seiei Miyagi

Go MAEDA wrote:

Seiei Miyagi wrote:

Updated the patch.

What do you think about the following code? It is simpler and very slightly efficient.

[...]

Looks great!

My code is calling `request.env[]` twice, thus your code is better.

#9 - 2019-11-30 06:41 - Go MAEDA

- *Category set to Ruby support*

- *Status changed from New to Closed*

Committed the patch in [#32527#note-7](#) as a part of [#31500](#).

Thank you for reporting this issue.

#10 - 2019-12-03 15:08 - Pavel Rosický

fyi, the change will be probably reverted in the final release, see <https://bugs.ruby-lang.org/issues/13083>

Files

0001-Fix-ruby-2.7-warning-given-argument-is-nil-this-will.patch	1022 Bytes	2019-11-28	Seiei Miyagi
0001-Fix-ruby-2.7-warning-given-argument-is-nil-this-will.patch	940 Bytes	2019-11-29	Seiei Miyagi