

## 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

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

#### 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 (リビジョン 19319)

+++ app/controllers/application\_controller.rb (空白コピー)

@@ -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**

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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