

## Redmine - Patch #28112

### CsvTest fails due to a regression in Ruby 2.5

2018-01-31 12:10 - Sho HASHIMOTO

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Go MAEDA	<b>% Done:</b> 0%
<b>Category:</b> Ruby support	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Description</b>	
Ruby 2.5.0 at <a href="#">r17185</a> don't pass csv_test.rb:29.	
Failure: CsvTest#test_should_include_bom_when_utf8_encoded [/Users/sho-h/local/src/redmine/redmine.sho-h/test/unit/lib/redmine/export/csv_test.rb:29]: Expected false to be truthy.	
Maybe, the reason is regression in 2.5.0.	
\$ cat csvtest.rb	
<pre>require 'csv' bom = "\xEF\xBB\xBF" res1_1 = bom.dup res1_2 = CSV.generate(res1_1, encoding: "UTF-8") { csv  csv &lt;&lt; %w(Foo Bar)} p [bom, res1_1, res1_2]  res2_1 = "aa,bb" res2_2 = CSV.generate(res2_1, encoding: "UTF-8") { csv  csv &lt;&lt; %w(Foo Bar)} p [bom, res2_1, res2_2]</pre>	
\$ rbenv each ruby -v csvtest.rb   more	
...	
ruby 2.3.6p384 (2017-12-14 revision 61254) [x86_64-darwin15] ["<U+FEFF>", "<U+FEFF>Foo,Bar\n", "<U+FEFF>Foo,Bar\n"] ["<U+FEFF>", "aa,bbFoo,Bar\n", "aa,bbFoo,Bar\n"]	
ruby 2.4.3p205 (2017-12-14 revision 61247) [x86_64-darwin15] ["<U+FEFF>", "<U+FEFF>Foo,Bar\n", "<U+FEFF>Foo,Bar\n"] ["<U+FEFF>", "aa,bbFoo,Bar\n", "aa,bbFoo,Bar\n"]	
ruby 2.5.0p0 (2017-12-25 revision 61468) [x86_64-darwin15] ["<U+FEFF>", "Foo,Bar\n", "Foo,Bar\n"] ["<U+FEFF>", "Foo,Bar\n", "Foo,Bar\n"]	
This problem was already reported below.	
<ul style="list-style-type: none"><li><a href="https://github.com/ruby/csv/pull/13">https://github.com/ruby/csv/pull/13</a></li></ul>	
I attach patch to fix this problem. This patch don't use CSV.generate's first argument.	
<b>Related issues:</b>	
Related to Redmine - Defect #28689: csv 1.0.2 gem breaks ImportsControllerTest	<b>Closed</b>
Blocks Redmine - Feature #27849: Ruby 2.5 support	<b>Closed</b>

#### Associated revisions

##### Revision 17245 - 2018-03-29 15:49 - Go MAEDA

CsvTest#test\_should\_include\_bom\_when\_utf8\_encoded fails due to a regression in Ruby 2.5.0 (#28112).

Contributed by Sho HASHIMOTO.

##### Revision 17696 - 2018-12-08 06:51 - Go MAEDA

Don't explicitly install csv gem in Ruby 2.6 (#30118).

Redmine installs csv gem since r17245 as a workaround for a bug of csv 1.0.0 which is bundled with Ruby 2.5 (see #28112). But in Ruby 2.6, installing the gem is not necessary because the bundled csv gem was updated to 3.0.

## History

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### #1 - 2018-01-31 14:17 - Go MAEDA

- *Blocks Feature #27849: Ruby 2.5 support added*

### #2 - 2018-03-24 02:06 - Sho HASHIMOTO

Above problem fixed by csv gem 1.0.1.

### #3 - 2018-03-26 16:49 - Go MAEDA

Sho HASHIMOTO wrote:

Above problem fixed by csv gem 1.0.1.

Thank you for looking into this issue. Do you think we can fix this issue by changing Gemfile as follows?

```
Index: Gemfile
=====
--- Gemfile      (revision 17236)
+++ Gemfile      (working copy)
@@ -13,6 +13,7 @@
  gem "roadie", "~> 3.2.1"
  gem "mimemagic"
  gem "mail", "~> 2.6.4"
+gem "csv", "~> 1.0.1" if RUBY_VERSION >= "2.5"

  gem "nokogiri", "~> 1.8.0"
  gem "i18n", "~> 0.7.0"
```

### #4 - 2018-03-27 03:26 - Sho HASHIMOTO

Thank you for looking into this issue. Do you think we can fix this issue by changing Gemfile as follows?

I think so. My patch is not needed any more. :)  
I checked unit test only appending below line to Gemfile.local. My Ruby was 2.5.0.

```
gem 'csv', '1.0.1'
```

### #5 - 2018-03-29 15:51 - Go MAEDA

- *Status changed from New to Closed*  
- *Assignee set to Go MAEDA*

Committed the fix. Thank you for working on this issue.

### #6 - 2018-05-06 02:11 - Go MAEDA

- *Related to Defect #28689: csv 1.0.2 gem breaks ImportsControllerTest added*

### #7 - 2018-12-08 05:17 - Go MAEDA

- *Subject changed from Ruby 2.5.0 don't pass csv\_test.rb to CsvTest fails due to a regression in Ruby 2.5*

## Files

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redmine_with_ruby250.patch	954 Bytes	2018-01-31	Sho HASHIMOTO
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