

## Redmine - Feature #30963

### Update simplecov gem (~> 0.17.0)

2019-03-05 00:32 - Go MAEDA

<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>	Gems support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
simplecov 0.16.1 has been released on 2018-03-16.			
<b>Related issues:</b>			
Related to Redmine - Defect #30967: "rake test:coverage" fails in Ruby 2.5 an... <b>Closed</b>			

#### Associated revisions

##### Revision 17928 - 2019-03-05 12:14 - Go MAEDA

Update simplecov gem to 0.16 (#30963).

##### Revision 18370 - 2019-08-14 09:26 - Go MAEDA

Update SimpleCov to 0.17.0 (#30963).

#### History

##### #1 - 2019-03-05 00:32 - Go MAEDA

- Tracker changed from Defect to Feature

##### #2 - 2019-03-05 01:02 - Go MAEDA

I encountered the following error while running bin/rake test:coverage with simplecov 0.16.1.

```
Traceback (most recent call last):
 10: from /Users/maeda/redmines/gems/ruby/2.6.0/gems/simplecov-0.16.1/lib/simplecov/defaults.rb:27:in `block in <top (required)>'
 9: from /Users/maeda/redmines/gems/ruby/2.6.0/gems/simplecov-0.16.1/lib/simplecov.rb:200:in `run_exit_tasks!'
 8: from /Users/maeda/redmines/gems/ruby/2.6.0/gems/simplecov-0.16.1/lib/simplecov/configuration.rb:182:in `block in at_exit'
 7: from /Users/maeda/redmines/gems/ruby/2.6.0/gems/simplecov-0.16.1/lib/simplecov/result.rb:48:in `format!'
 6: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:29:in `format'
 5: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:29:in `each'
 4: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:30:in `block in format'
 3: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:30:in `open'
 2: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:31:in `block (2 levels) in format'
 1: from /Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:31:in `puts'
/Users/maeda/redmines/redmine-trunk/test/coverage/html_formatter.rb:31:in `write': "\xC5" from ASCII-8BIT to UTF-8 (Encoding::UndefinedConversionError)
```

##### #3 - 2019-03-05 07:16 - Go MAEDA

The error described in [#30963#note-1](#) occurs while processing app/models/repository/git.rb line 3 ('η') or lib/redmine/search.rb line 63 ('␣').

The following change will fix the error.

```
Index: Gemfile
=====
--- Gemfile      (000000 17927)
+++ Gemfile      (000000)
@@ -79,7 +79,7 @@
 group :test do
   gem "rails-dom-testing"
   gem "mocha"
```

```

- gem "simplecov", "~> 0.14.1", :require => false
+ gem "simplecov", "~> 0.16.1", :require => false
  # For running system tests
  gem 'puma', '~> 3.7'
  gem "capybara", '~> 2.13'
Index: test/coverage/html_formatter.rb
=====
--- test/coverage/html_formatter.rb      (000000 17927)
+++ test/coverage/html_formatter.rb      (000000)
@@ -28,7 +28,7 @@
     end
     result.source_files.each do |source_file|
       File.open(File.join(output_path, source_file_result(source_file)), "w") do |file|
-         file.puts template('source').result(binding)
+         file.puts template('source').result(binding).force_encoding('utf-8')
       end
     end
   end
end
end

```

#### #4 - 2019-03-05 10:46 - Go MAEDA

- Target version changed from Candidate for next major release to 4.1.0

I found that the error I wrote in [#30963#note-1](#) depends on the version of Ruby. You will see the error if you run rake test:coverage in Ruby 2.5 or 2.6. The error is reproducible with not only the latest SimpleCov 0.16 but also 0.14.1 (the version specified in the current Gemfile).

I confirmed that SimpleCov 0.16.1 passes all tests and generates the coverage report without any error in Ruby 2.3 and 2.4.

In conclusion, we can update SimpleCov to 0.16.1 safely. The problem I reported in [#30963#note-1](#) is another problem and should be handled separately. I have opened a new issue [#30967](#) for the problem.

#### #5 - 2019-03-05 10:47 - Go MAEDA

- Related to Defect #30967: "rake test:coverage" fails in Ruby 2.5 and 2.6 added

#### #6 - 2019-03-05 12:15 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed.

#### #7 - 2019-08-14 09:24 - Go MAEDA

- Status changed from Closed to Reopened

SimpleCov 0.17.0 has been released on 2019-07-02.

<https://github.com/colszowka/simplecov/blob/master/CHANGELOG.md#0170-2019-07-02>

#### #8 - 2019-08-14 09:26 - Go MAEDA

- Subject changed from Update simplecov gem (~> 0.16.1) to Update simplecov gem (~> 0.17.0)

- Status changed from Reopened to Closed

Updated SimpleCov to 0.17.0 in [r18370](#).