

Redmine - Patch #32025

mail_body method in test/test_helper.rb raises an exception if the message is not multipart

2019-09-06 06:56 - Yuichi HARADA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	4.1.0		

Description

```
$ RAILS_ENV=test bundle exec rake db:migrate:reset
```

```
$ RAILS_ENV=test bundle exec rake test TESTOPTS="--seed 4619"
```

```
.....E
```

Error:

```
RepositoryTest#test_scan_changesets_for_issue_ids:
```

```
NoMethodError: undefined method `body' for nil:NilClass
```

```
test/test_helper.rb:253:in `mail_body'
```

```
test/test_helper.rb:238:in `assert_mail_body_match'
```

```
test/unit/repository_test.rb:275:in `block in test_scan_changesets_for_issue_ids'
```

```
test/unit/repository_test.rb:271:in `each'
```

```
test/unit/repository_test.rb:271:in `test_scan_changesets_for_issue_ids'
```

```
bin/rails test test/unit/repository_test.rb:237
```

The test failed because Settings.plain_text_mail is not set.

Solved by the following patch.

```
diff --git a/test/unit/repository_test.rb b/test/unit/repository_test.rb
```

```
index 1d7d572c3..18bec60f0 100644
```

```
--- a/test/unit/repository_test.rb
```

```
+++ b/test/unit/repository_test.rb
```

```
@@ -235,49 +235,53 @@ class RepositoryTest < ActiveSupport::TestCase
```

```
end
```

```
def test_scan_changesets_for_issue_ids
```

```
- Setting.default_language = 'en'
```

```
- Setting.commit_ref_keywords = 'refs , references, IssueID'
```

```
- Setting.commit_update_keywords = [
```

```
-   {'keywords' => 'fixes , closes',
```

```
-   'status_id' => IssueStatus.where(:is_closed => true).first.id,
```

```
-   'done_ratio' => '90']
```

```
- ]
```

```
- Setting.default_language = 'en'
```

```
- ActionMailer::Base.deliveries.clear
```

```
-
```

```
- # make sure issue 1 is not already closed
```

```
- fixed_issue = Issue.find(1)
```

```
- assert !fixed_issue.closed?
```

```
- old_status = fixed_issue.status
```

```
-
```

```
- with_settings :notified_events => %w(issue_added issue_updated) do
```

```
+ with_settings(
```

```
+   :default_language => 'en',
```

```
+   :commit_ref_keywords => 'refs , references, IssueID',
```

```
+   :commit_update_keywords => [
```

```
+     {
```

```
+       'keywords' => 'fixes , closes',
```

```
+       'status_id' => IssueStatus.where(:is_closed => true).first.id,
```

```
+       'done_ratio' => '90'
```

```

+     }
+   ],
+   :notified_events => %w(issue_added issue_updated),
+   :plain_text_mail => '0'
+ ) do
+   ActionMailer::Base.deliveries.clear
+
+   # make sure issue 1 is not already closed
+   fixed_issue = Issue.find(1)
+   assert !fixed_issue.closed?
+   old_status = fixed_issue.status
+
+   Repository.scan_changesets_for_issue_ids
- end
- assert_equal [101, 102], Issue.find(3).changeset_ids
-
- # fixed issues
- fixed_issue.reload
- assert fixed_issue.closed?
- assert_equal 90, fixed_issue.done_ratio
- assert_equal [101], fixed_issue.changeset_ids
-
- # issue change
- journal = fixed_issue.journals.reorder('created_on desc').first
- assert_equal User.find_by_login('dlopper'), journal.user
- assert_equal 'Applied in changeset r2.', journal.notes
-
- # 5 email notifications, 2 for #1, 3 for #2
- assert_equal 5, ActionMailer::Base.deliveries.size
- ActionMailer::Base.deliveries.first(2).each do |mail|
-   assert_not_nil mail
-   assert mail.subject.starts_with?(
-     "[#{fixed_issue.project.name} - #{fixed_issue.tracker.name} ##{fixed_issue.id}]"
-   )
-   assert_mail_body_match(
-     "Status changed from #{old_status} to #{fixed_issue.status}", mail)
- end
+   assert_equal [101, 102], Issue.find(3).changeset_ids
+
+   # fixed issues
+   fixed_issue.reload
+   assert fixed_issue.closed?
+   assert_equal 90, fixed_issue.done_ratio
+   assert_equal [101], fixed_issue.changeset_ids
+
+   # issue change
+   journal = fixed_issue.journals.reorder('created_on desc').first
+   assert_equal User.find_by_login('dlopper'), journal.user
+   assert_equal 'Applied in changeset r2.', journal.notes
+
+   # 5 email notifications, 2 for #1, 3 for #2
+   assert_equal 5, ActionMailer::Base.deliveries.size
+   ActionMailer::Base.deliveries.first(2).each do |mail|
+     assert_not_nil mail
+     assert mail.subject.starts_with?(
+       "[#{fixed_issue.project.name} - #{fixed_issue.tracker.name} ##{fixed_issue.id}]"
+     )
+     assert_mail_body_match(
+       "Status changed from #{old_status} to #{fixed_issue.status}", mail)
+   end
-
- # ignoring commits referencing an issue of another project
- assert_equal [], Issue.find(4).changesets
+   # ignoring commits referencing an issue of another project
+   assert_equal [], Issue.find(4).changesets
+ end
end

def test_for_changeset_comments_strip

```

Associated revisions

Revision 18465 - 2019-09-13 10:51 - Go MAEDA

mail_body method in test/test_helper.rb raises an exception if the message is not multipart (#32025).

This change fixes random test failures.

History

#1 - 2019-09-13 02:47 - Go MAEDA

- Target version set to Candidate for next major release

Thank you for catching and investigating the issue.

The root cause of the issue is that mail_body method in test/test_helper.rb supports only multi-part messages and does not support plaintext messages.

I think it is better to change mail_body method to support plaintext messages as well.

```
diff --git a/test/test_helper.rb b/test/test_helper.rb
index 390ea92b4..6a6fd7fa5 100644
--- a/test/test_helper.rb
+++ b/test/test_helper.rb
@@ -250,7 +250,7 @@ class ActiveSupport::TestCase
   end

   def mail_body(mail)
-     mail.parts.first.body.encoded
+     (mail.multipart? ? mail.parts.first : mail).body.encoded
   end

   # Returns the lft value for a new root issue
```

#2 - 2019-09-13 03:58 - Yuichi HARADA

Go MAEDA wrote:

The root cause of the issue is that mail_body method in test/test_helper.rb supports only multi-part messages and does not support plaintext messages.

I think it is better to change mail_body method to support plaintext messages as well.

[...]

+1

I agree. Setting of Setting.plain_text_mail is not directly related to the acquisition of mail body.

#3 - 2019-09-13 10:52 - Go MAEDA

- Subject changed from RepositoryTest#test_scan_changesets_for_issue_ids randomly fails to mail_body method in test/test_helper.rb raises an exception if the message is not multipart

- Status changed from New to Closed

- Assignee set to Go MAEDA

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

Committed the fix. Thank you for catching the issue.