

Redmine - Defect #29883

AttachmentsVisibilityTest and Redmine::AttachmentFieldFormatTest fail randomly due to uninitialized User.current

2018-10-30 19:49 - Gilad Shanan

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	4.0.0	Affected version:	
Resolution:	Fixed		
Description			
It looks like test/functional/attachments_visibility_test.rb has an unspecified dependency on the value of User.current. To reproduce:			
<pre>bin/rails test test/integration/api_test/authentication_test.rb test/functional/attachments_visibility_test.rb --seed 53775</pre>			
=>			
Failure:			
AttachmentsVisibilityTest#test_attachment_should_be_visible [/Users/gilad/Workspace/redmine/test/functional/attachments_visibility_test.rb:43]:			
Expected response to be a <2XX: success>, but was a <403: Forbidden>			
Environment:			
Redmine version 3.4.6.devel			
Ruby version 2.4.1-p111 (2017-03-22) [x86_64-darwin17]			
Rails version 5.2.1			
Environment production			
Database adapter Mysql2			
Mailer queue ActiveSupport::QueueAdapters::AsyncAdapter			
Mailer delivery smtp			
Redmine plugins:			
no plugin installed			
There are several tests that change User.current and don't reset the value to nil during teardown. In this case the culprit was the authorization_test.rb but I believe there are other tests that could potentially cause the same problem. I suggest adding `User.current = nil` to `setup` in the failing attachments_visibility_test.rb, and also adding the same to `teardown` in authorization_test.rb.			

Associated revisions

Revision 17616 - 2018-11-03 08:15 - Go MAEDA

Fix that the following tests fail randomly due to uninitialized User.current (#29853):

- AttachmentsVisibilityTest#test\_attachment\_should\_be\_visible \*
- Redmine::AttachmentFieldFormatTest#test\_should\_accept\_a\_hash\_with\_upload\_on\_create \*
- Redmine::AttachmentFieldFormatTest#test\_should\_replace\_attachment\_on\_update

Patch by Gilad Shanan.

History

#1 - 2018-10-30 22:55 - Gilad Shanan

- File 0001-Fix-spurious-spec-failures.patch added

Another related spec failure can be reproduced like this:

```
bin/rails test test/integration/api_test/authentication_test.rb test/unit/lib/redmine/field_format/attachment_format_test.rb --seed 53775

=>
Failure:
Redmine::AttachmentFieldFormatTest#test_should_accept_a_hash_with_upload_on_create [/Users/gilad/Workspace/redmine/test/unit/lib/redmine/field_format/attachment_format_test.rb:45]:
```

```
--- expected
+++ actual
@@ -1, +1 @@
-#<CustomValue id: 284, customized_type: "Principal", customized_id: 133, custom_field_id: 46, value: "69">
+nil

Failure:
Redmine::AttachmentFieldFormatTest#test_should_replace_attachment_on_update [/Users/gilad/Workspace/redmine/test/unit/lib/redmine/field_format/attachment_format_test.rb:123]:
"Attachment.count" didn't change by 0.
Expected: 21
Actual: 22
```

I've update the patch to address this as well.

**#2 - 2018-10-31 14:15 - Go MAEDA**

- Target version set to 4.1.0

I know the test fails from time to time but I didn't know the reason. Thank you for investigating that.

The patch looks good. Setting target version to 4.1.0.

**#3 - 2018-11-03 08:17 - Go MAEDA**

- Subject changed from AttachmentsVisibilityTest missing setup step User.current = nil to AttachmentsVisibilityTest and Redmine::AttachmentFieldFormatTest fail randomly due to uninitialized User.current
- Status changed from New to Closed
- Assignee set to Go MAEDA
- Target version changed from 4.1.0 to 4.0.0
- Resolution set to Fixed

Committed. Thank you for fixing those hard to find issues.

**Files**

0001-Fix-spurious-spec-failure.diff	1.45 KB	2018-10-30	Gilad Shanan
0001-Fix-spurious-spec-failures.patch	2.16 KB	2018-10-30	Gilad Shanan