It looks like test/functional/attachments_visibility_test.rb has an unspecified dependency on the value of User.current. To reproduce:

```
bin/rails test test/integration/api_test/authentication_test.rb test/functional/attachments_visibility_test.rb --seed 53775
```

=>

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: ActiveJob::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.
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.