

Redmine - Feature #31911

Update request_store gem to 1.4

2019-08-16 04:23 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Gems support	Estimated time:	0.00 hour
Target version:	4.1.0		
Resolution:	Fixed		

Description

Redmine 4.0 and the current trunk depend on request_store gem 1.0.5 which was released in 2013. The reason why Redmine uses such an old version is that request_store 1.0.6 and later breaks some tests (see r13181).

However, we should not continue to use the very old version of request_store. We should make efforts to update the gem to the latest version.

{{collapse

```
$ bin/rails test test/integration/api_test/authentication_test.rb
```

```
Run options: --seed 46704
```

```
# Running:
```

```
....F
```

```
Failure:
```

```
Redmine::ApiTest::AuthenticationTest#test_api_should_not_accept_switch_user_header_for_non_admin_user  
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:162]:
```

```
--- expected
```

```
+++ actual
```

```
@@ -1 +1 @@
```

```
-#<User id: 2, login: "jsmith", hashed_password: "bfbe06043353a677d0215b26a5800d128d5413bc", firstname: "John",  
  lastname: "Smith", admin: false, status: 1, last_login_on: "2006-07-19 20:42:15", language: "en", auth_source_id: nil,  
  created_on: "2006-07-19 17:32:09", updated_on: "2006-07-19 20:42:15", type: "User", identity_url: nil, mail_notification: "all",  
  salt: "67eb4732624d5a7753dcea7ce0bb7d7d", must_change_passwd: false, passwd_changed_on: nil>  
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,  
  last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",  
  type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,  
  passwd_changed_on: nil>
```

```
bin/rails test test/integration/api_test/authentication_test.rb:155
```

```
F
```

```
Failure:
```

```
Redmine::ApiTest::AuthenticationTest#test_api_should_accept_auth_using_api_key_as_request_header  
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:91]:
```

```
--- expected
```

```
+++ actual
```

```
@@ -1 +1 @@
```

```
-#<User id: 14, login: "user2", hashed_password: "", firstname: "Bob", lastname: "Doe", admin: false, status: 1, last_login_on:
```

```
nil, language: "", auth_source_id: nil, created_on: "2019-08-16 02:19:58", updated_on: "2019-08-16 02:19:58", type: "User",
identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false, passwd_changed_on: nil>
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,
last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",
type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,
passwd_changed_on: nil>
```

```
bin/rails test test/integration/api_test/authentication_test.rb:86
```

F

Failure:

```
Redmine::ApiTest::AuthenticationTest#test_api_should_accept_http_basic_auth_using_api_key
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:59]:
```

```
--- expected
```

```
+++ actual
```

```
@@ -1 +1 @@
```

```
-#<User id: 14, login: "user3", hashed_password: "", firstname: "Bob", lastname: "Doe", admin: false, status: 1, last_login_on:
nil, language: "", auth_source_id: nil, created_on: "2019-08-16 02:19:58", updated_on: "2019-08-16 02:19:58", type: "User",
identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false, passwd_changed_on: nil>
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,
last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",
type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,
passwd_changed_on: nil>
```

```
bin/rails test test/integration/api_test/authentication_test.rb:54
```

F

Failure:

```
Redmine::ApiTest::AuthenticationTest#test_api_should_accept_http_basic_auth_using_username_and_password
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:42]:
```

```
--- expected
```

```
+++ actual
```

```
@@ -1 +1 @@
```

```
-#<User id: 14, login: "user4", hashed_password: "e605300cad931688aa35d19fb77b4d36d452e786", firstname: "Bob",
lastname: "Doe", admin: false, status: 1, last_login_on: nil, language: "", auth_source_id: nil, created_on: "2019-08-16
02:19:58", updated_on: "2019-08-16 02:19:58", type: "User", identity_url: nil, mail_notification: "only_my_events", salt:
"a1dad2185f1cc71b310b8d33eeca6053", must_change_passwd: false, passwd_changed_on: "2019-08-16 02:19:58">
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,
last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",
type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,
passwd_changed_on: nil>
```

```
bin/rails test test/integration/api_test/authentication_test.rb:36
```

.F

Failure:

```
Redmine::ApiTest::AuthenticationTest#test_api_should_accept_switch_user_header_for_admin_user
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:139]:
```

```
--- expected
```

```
+++ actual
```

@@ -1 +1 @@

```
-#<User id: 4, login: "rhill", hashed_password: "9e4dd7eeb172c12a0691a6d9d3a269f7e9fe671b", firstname: "Robert",
  lastname: "Hill", admin: false, status: 1, last_login_on: nil, language: "en", auth_source_id: nil, created_on: "2006-07-19
  17:34:07", updated_on: "2006-07-19 17:34:07", type: "User", identity_url: nil, mail_notification: "all", salt:
  "3126f764c3c5ac61cbfc103f25f934cf", must_change_passwd: false, passwd_changed_on: nil>
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,
  last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",
  type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,
  passwd_changed_on: nil>
```

bin/rails test test/integration/api_test/authentication_test.rb:132

.F

Failure:

Redmine::ApiTest::AuthenticationTest#test_api_should_accept_auth_using_api_key_as_parameter
[/Users/maeda/redmines/redmine-trunk/test/integration/api_test/authentication_test.rb:75]:

--- expected

+++ actual

@@ -1 +1 @@

```
-#<User id: 14, login: "user6", hashed_password: "", firstname: "Bob", lastname: "Doe", admin: false, status: 1, last_login_on:
  nil, language: "", auth_source_id: nil, created_on: "2019-08-16 02:19:59", updated_on: "2019-08-16 02:19:59", type: "User",
  identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false, passwd_changed_on: nil>
+#<AnonymousUser id: 6, login: "", hashed_password: "1", firstname: "", lastname: "Anonymous", admin: false, status: 0,
  last_login_on: nil, language: "", auth_source_id: nil, created_on: "2006-07-19 17:33:19", updated_on: "2006-07-19 17:33:19",
  type: "AnonymousUser", identity_url: nil, mail_notification: "only_my_events", salt: nil, must_change_passwd: false,
  passwd_changed_on: nil>
```

bin/rails test test/integration/api_test/authentication_test.rb:70

.....

Finished in 4.439638s, 3.8291 runs/s, 8.5593 assertions/s.

17 runs, 38 assertions, 6 failures, 0 errors, 0 skips

}}

Related issues:

Related to Redmine - Patch # 16685: Introduce the request_store gem to hold U...

Closed

Related to Redmine - Defect # 36336: Executing test helper "log_user" functio...

Closed

Associated revisions

Revision 19373 - 2019-12-15 12:44 - Go MAEDA

Update request_store gem to 1.4 (#31911).

Patch by Yuichi HARADA.

Revision 19380 - 2019-12-20 08:59 - Jean-Philippe Lang

Merged r19373 to 4.1-stable (#31911).

History

#1 - 2019-08-16 04:27 - Go MAEDA

- Related to Patch #16685: Introduce the request_store gem to hold User.current and prevent data leakage in error messages added

#2 - 2019-12-13 07:08 - Yuichi HARADA

<https://www.redmine.org/issues/16685#note-14>

Holger Just wrote:

This is probably caused by [this commit](#). In 1.0.6, the thread store is cleared after a request has finished (and not before a request started as before). That means, that after the middleware was passed on the way up again, User.current is not valid anymore.

The solution for this would be to fix the integration tests to not rely on an "old" User.current. In fact, not having this old value still set after a request is a good thing and solves many potential leakage issues.

+1

The thread store is cleared after the request ends. Therefore, the value of User.current using RequestStore is undefined.

https://github.com/steveklabnik/request_store/compare/v1.0.5...v1.0.6#diff-f0d601018bf0879f1221695eb92982bb

source:/trunk/app/models/user.rb#L818

I don't think it makes sense to validate User.current after the request ends.

You can update request_store gem by changing the test as follows.

```
diff --git a/test/integration/api_test/authentication_test.rb b/test/integration/api_test/authentication_test.rb
```

```
index 30fc4b351..0a4c12e00 100644
```

```
--- a/test/integration/api_test/authentication_test.rb
```

```
+++ b/test/integration/api_test/authentication_test.rb
```

```
@@ -29,7 +29,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
```

```
  def test_api_should_deny_without_credentials
```

```
    get '/users/current.xml'
```

```
    assert_response 401
```

```
-   assert_equal User.anonymous, User.current
```

```
    assert response.headers.has_key?('WWW-Authenticate')
```

```
  end
```

```
@@ -39,7 +38,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
```

```
  end
```

```
  get '/users/current.xml', :headers => credentials(user.login, 'my_password')
```

```
  assert_response 200
```

```
-   assert_equal user, User.current
```

```
  end
```

```
  def test_api_should_deny_http_basic_auth_using_username_and_wrong_password
```

```
@@ -48,7 +46,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
```

```
  end
```

```
  get '/users/current.xml', :headers => credentials(user.login, 'wrong_password')
```

```
  assert_response 401
```

```
-   assert_equal User.anonymous, User.current
```

```
  end
```

```
  def test_api_should_accept_http_basic_auth_using_api_key
```

```
@@ -56,7 +53,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
```

```

token = Token.create!(:user => user, :action => 'api')
get '/users/current.xml', :headers => credentials(token.value, 'X')
assert_response 200
- assert_equal user, User.current
end

def test_api_should_deny_http_basic_auth_using_wrong_api_key
@@ -64,7 +60,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  token = Token.create!(:user => user, :action => 'feeds') # not the API key
  get '/users/current.xml', :headers => credentials(token.value, 'X')
  assert_response 401
- assert_equal User.anonymous, User.current
end

def test_api_should_accept_auth_using_api_key_as_parameter
@@ -72,7 +67,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  token = Token.create!(:user => user, :action => 'api')
  get "/users/current.xml?key=#{token.value}"
  assert_response 200
- assert_equal user, User.current
end

def test_api_should_deny_auth_using_wrong_api_key_as_parameter
@@ -80,7 +74,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  token = Token.create!(:user => user, :action => 'feeds') # not the API key
  get "/users/current.xml?key=#{token.value}"
  assert_response 401
- assert_equal User.anonymous, User.current
end

def test_api_should_accept_auth_using_api_key_as_request_header
@@ -88,7 +81,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  token = Token.create!(:user => user, :action => 'api')
  get "/users/current.xml", :headers => {'X-Redmine-API-Key' => token.value.to_s}
  assert_response 200
- assert_equal user, User.current
end

def test_api_should_deny_auth_using_wrong_api_key_as_request_header
@@ -96,7 +88,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  token = Token.create!(:user => user, :action => 'feeds') # not the API key
  get "/users/current.xml", :headers => {'X-Redmine-API-Key' => token.value.to_s}
  assert_response 401
- assert_equal User.anonymous, User.current
end

def test_api_should_trigger_basic_http_auth_with_basic_authorization_header
@@ -136,7 +127,6 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  get '/users/current', :headers => {'X-Redmine-API-Key' => user.api_key, 'X-Redmine-Switch-User' => su.login}
  assert_response :success
  assert_select 'h2', :text => su.name
- assert_equal su, User.current
end

```

```

def test_api_should_respond_with_412_when_trying_to_switch_to_a_invalid_user
@@ -159,6 +149,5 @@ class Redmine::ApiTest::AuthenticationTest < Redmine::ApiTest::Base
  get '/users/current', :headers => {'X-Redmine-API-Key' => user.api_key, 'X-Redmine-Switch-User' => su.login}
  assert_response :success
  assert_select 'h2', :text => user.name
- assert_equal user, User.current
  end
end
diff --git a/test/integration/api_test/disabled_rest_api_test.rb b/test/integration/api_test/disabled_rest_api_test.rb
index 5eaedd978..a8a1139a8 100644
--- a/test/integration/api_test/disabled_rest_api_test.rb
+++ b/test/integration/api_test/disabled_rest_api_test.rb
@@ -44,11 +44,9 @@ class Redmine::ApiTest::DisabledRestApiTest < Redmine::ApiTest::Base

  get "/news.xml?key=#{@token.value}"
  assert_response :forbidden
- assert_equal User.anonymous, User.current

  get "/news.json?key=#{@token.value}"
  assert_response :forbidden
- assert_equal User.anonymous, User.current
  end

def test_with_valid_username_password_http_authentication
@@ -58,11 +56,9 @@ class Redmine::ApiTest::DisabledRestApiTest < Redmine::ApiTest::Base

  get "/news.xml", :headers => credentials(@user.login, 'my_password')
  assert_response :forbidden
- assert_equal User.anonymous, User.current

  get "/news.json", :headers => credentials(@user.login, 'my_password')
  assert_response :forbidden
- assert_equal User.anonymous, User.current
  end

def test_with_valid_token_http_authentication
@@ -71,10 +67,8 @@ class Redmine::ApiTest::DisabledRestApiTest < Redmine::ApiTest::Base

  get "/news.xml", :headers => credentials(@token.value, 'X')
  assert_response :forbidden
- assert_equal User.anonymous, User.current

  get "/news.json", :headers => credentials(@token.value, 'X')
  assert_response :forbidden
- assert_equal User.anonymous, User.current
  end
end
end

```

#3 - 2019-12-13 07:54 - Go MAEDA

- Target version set to Candidate for next major release

#4 - 2019-12-14 08:55 - Go MAEDA

- File 31911.patch added
- Subject changed from Update request_store gem to Update request_store gem to 1.4
- Target version changed from Candidate for next major release to 4.2.0

Setting the target version to 4.2.0.

#5 - 2019-12-15 12:45 - Go MAEDA

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you for your contribution.

#6 - 2019-12-15 15:07 - Mischa The Evil

- Status changed from Closed to Reopened
- Assignee changed from Go MAEDA to Jean-Philippe Lang
- Target version changed from 4.2.0 to 4.1.0

If there are no further objections and/or side-effects, I'd like to have this change shipped in the upcoming release.

What do you think?

#7 - 2019-12-20 09:00 - Jean-Philippe Lang

- Status changed from Reopened to Closed

Merged.

#8 - 2021-12-22 12:43 - Go MAEDA

- Related to Defect #36336: Executing test helper "log_user" function behavior is different between Redmine 4.0 and >= 4.1 added

Files

31911.patch	5.9 KB	2019-12-14	Go MAEDA
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