

Redmine - Defect #40603

Mocha 2.2.0 causes test failure: "unexpected invocation"

2024-04-21 09:56 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Gems support	Estimated time:	0.00 hour
Target version:	5.0.9	Affected version:	
Resolution:	Fixed		

Description

After updating Mocha from version 2.1.0 to 2.2.0, a test began to fail with the following output:

```
$ bin/rails test test/unit/issue_test.rb:704

Run options: --seed 38306

# Running:

F

Failure:
IssueTest#test_assigning_attributes_should_assign_project_and_tracker_first [app/models/issue.rb:478]:
unexpected invocation: subject=(Test)

bin/rails test test/unit/issue_test.rb:704
```

Associated revisions

Revision 22786 - 2024-04-23 03:43 - Go MAEDA

Fix "unexpected invocation" test failure in IssueTest with Mocha 2.2.0 (#40603).

Revision 22788 - 2024-04-27 09:13 - Go MAEDA

Merged r22786 from trunk to 5.1-stable (#40603).

Revision 22789 - 2024-04-27 09:16 - Go MAEDA

Merged r22786 from trunk to 5.0-stable (#40603).

History

#1 - 2024-04-22 16:36 - Go MAEDA

- Category changed from Gems support to Code cleanup/refactoring

Below is the test code that currently fails. The three lines of `issue.expects` expect that the three methods `:project_id=`, `:tracker_id=`, and `:subject=` are called in this order. However, it is `:subject=` that is called first because `issue.attributes = {:subject => 'Test'}` is executed first. It is curious that this code worked with Mocha 2.1.

```
def test_assigning_attributes_should_assign_project_and_tracker_first
  seq = sequence('seq')
  issue = Issue.new
  issue.expects(:project_id=).in_sequence(seq)
  issue.expects(:tracker_id=).in_sequence(seq)
  issue.expects(:subject=).in_sequence(seq)
  assert_raise Exception do
    issue.attributes = {:subject => 'Test'}
  end
  assert_nothing_raised do
    issue.attributes = {:tracker_id => 2, :project_id => 1, :subject => 'Test'}
  end
end
```

The error can be fixed simply removing `issue.attributes = {:subject => 'Test'}`.

```
diff --git a/test/unit/issue_test.rb b/test/unit/issue_test.rb
index 599c0046d..21a295aa1 100644
--- a/test/unit/issue_test.rb
+++ b/test/unit/issue_test.rb
@@ -707,9 +707,6 @@ class IssueTest < ActiveSupport::TestCase
   issue.expects(:project_id=).in_sequence(seq)
   issue.expects(:tracker_id=).in_sequence(seq)
   issue.expects(:subject=).in_sequence(seq)
-  assert_raise Exception do
-    issue.attributes = {:subject => 'Test'}
-  end
  assert_nothing_raised do
    issue.attributes = {:tracker_id => 2, :project_id => 1, :subject => 'Test'}
  end
end
```

#2 - 2024-04-23 03:43 - Go MAEDA

- Category changed from Code cleanup/refactoring to Gems support
- Status changed from New to Resolved
- Assignee set to Go MAEDA
- Target version set to 5.0.9
- Resolution set to Fixed

#3 - 2024-04-27 09:17 - Go MAEDA

- Status changed from Resolved to Closed

Committed the fix in [r22789](#).