

Redmine - Defect #31388

ApiTest fails if config.time_zone is set

2019-05-18 01:42 - Go MAEDA

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|--|--------------------------|--------------------------|-----------|
| 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 | Affected version: | |
| Resolution: | Fixed | | |
| Description | | | |
| <p>ApiTest fails if config.time_zone is set. The tests suppose that time in API response is always in UTC, but it varies depending on the value of config.time_zone is set.</p> <p>Set config.time_zone in config/additional_environment.rb.</p> <pre>config.time_zone = 'Tokyo'</pre> <p>Run test/integration/api_test/api_test.rb. It fails. In the following example, the test expected that created_on in the response was "2006-07-19T17:12:21Z", but actually it was "2006-07-20T02:12:21+09:00".</p> <pre>\$ bin/rails test test/integration/api_test/api_test.rb Run options: --seed 57420 # Running: .F Failure: Redmine::ApiTest::ApiTest#test_json_datetime_format [/Users/maeda/redmines/redmine-trunk/test/integration/api_test/api_test.rb:43]: ""created_on":"2006-07-19T17:12:21Z"" not found in {"user":{"id":1,"login":"admin","admin":true,"firstname":"Redmine","lastname":"Admin","mail":"admin@somenet.foo","created_on":"2006-07-19T17:12:21Z","last_login_on":"2019-05-18T08:30:27+09:00","api_key":"9b0dd9bb5f4dcb890696137385999b2569f2463b2569f24631","status":1,"custom_fields":{"id":4,"name":"Phone number","value":null},{id":5,"name":"Money","value":null}}}</pre> <pre>bin/rails test test/integration/api_test/api_test.rb:41 .F Failure: Redmine::ApiTest::ApiTest#test_xml_datetime_format [/Users/maeda/redmines/redmine-trunk/test/integration/api_test/api_test.rb:48]: "<created_on>2006-07-19T17:12:21Z</created_on>" not found in "<?xml version="1.0" encoding="UTF-8"?><user><id>1</id><login>admin</login><admin>true</admin><firstname>Redmine</firstname><lastname>Admin</la >Admin</lastname><mail>admin@somenet.foo</mail><created_on>2006-07-20T02:12:21+09:00</created_on><last_login_on>2019-05-18T08:30:27+09:00</last_login_on><api_key>4bfca692e987af9ce73c77b1f31f79a11bbd3e4c</api_key><status>1</status><cu /status><custom_fields type="array"><custom_field id="4" name="Phone number"><value/></custom_field><custom_field id="5" name="Money"><value/></custom_field></custom_fields></user>" bin/rails test test/integration/api_test/api_test.rb:46</pre> | | | |

Finished in 1.001562s, 3.9938 runs/s, 5.9906 assertions/s.
4 runs, 6 assertions, 2 failures, 0 errors, 0 skips

Associated revisions

Revision 18237 - 2019-06-08 08:44 - Go MAEDA

ApiTest fails if config.time_zone is set (#31388).

Patch by Yuichi HARADA.

History

#1 - 2019-05-19 13:55 - Go MAEDA

Should we update the test code or always fix the time zone for API responses to UTC?

#2 - 2019-05-19 14:02 - Go MAEDA

- *Description updated*

#3 - 2019-05-22 05:20 - Go MAEDA

- *Category changed from REST API to Code cleanup/refactoring*

Go MAEDA wrote:

| *Should we update the test code or always fix the time zone for API responses to UTC?*

I think we should fix the test, not API. Looking at the API documents, the time zone in the response is not supposed to be fixed to UTC.

- [\[\[Rest_Projects\]\]](#)
- [\[\[Rest_Issues\]\]](#)

#4 - 2019-06-07 04:59 - Yuichi HARADA

- *File 31388_apitest_failed.patch added*

I have fixed the API tests. It does not depend on UTC time zone.

#5 - 2019-06-07 14:03 - Go MAEDA

- *Target version set to 4.1.0*

#6 - 2019-06-08 08:44 - Go MAEDA

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

Committed the patch. Thanks.

Files

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|----------------------------|---------|------------|---------------|
| 31388_apitest_failed.patch | 1.87 KB | 2019-06-07 | Yuichi HARADA |
|----------------------------|---------|------------|---------------|