

## Redmine - Defect #31388

### ApiTest fails if config.time\_zone is set

2019-05-18 01:42 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Code cleanup/refactoring	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		

**Description**

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.

Set config.time\_zone in config/additional\_environment.rb.

```
config.time_zone = 'Tokyo'
```

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".

```
$ 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\\\":\\\"2006-07-20T02:12:21+09:00\\\",\\\"last_login_on\\\":\\\"2019-05-18T08:30:27+09:00\\\",\\\"api_key\\\":\\\"9b0dd9bb5f4dcb890696137385999b2569f24631\\\",\\\"status\\\":1,\\\"custom_fields\\\":[{\\\"id\\\":4,\\\"name\\\":\\\"Phone number\\\",\\\"value\\\":null},{\\\"id\\\":5,\\\"name\\\":\\\"Money\\\",\\\"value\\\":null}]}}\"

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</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><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

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

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### #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
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