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

../../../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":"2006-07-19T17:12:21+09:00","last_login_on":"2019-05-18T08:30:27+09:00","api_key":"4bfca692e987af9ce73c77b1f31f79a11b0d3e4c"},"status":1,"custom_fields":[]}
"

bin/rails test test/integration/api_test/api_test.rb:43

,F

Failure:
Redmine::ApiTest::ApiTest#test_xml_datetime_format

../../../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"?>

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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<td>1.87 KB</td>
<td>2019-06-07</td>
<td>Yuichi HARADA</td>
</tr>
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