

Redmine - Defect #34212

Time Entries POST doesn't work in JSON format

2020-11-02 15:26 - Robert Roth

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	REST API	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			

Description

Environment

fairly stock Redmine 4.1.1, in a docker environment.

```
Redmine version      4.1.1.stable
Ruby version         2.6.6-p146 (2020-03-31) [x86_64-linux-musl]
Rails version        5.2.4.2
Environment          production
Database adapter     SQLite
Mailer queue         ActiveJob::QueueAdapters::AsyncAdapter
Mailer delivery      smtp
SCM:
Subversion           1.12.2
Mercurial             5.3.2
Bazaar               2.7.0
Git                  2.24.3
Filesystem
Redmine plugins:
no plugin installed
```

Steps to reproduce

1. create a first redmine project
2. create a simple issue
3. allow API access
4. try to POST to /time_entries.xml with Content-Type application/xml

```
<time_entry>
  <project_id>1</project_id>
  <issue_id>1</issue_id>
  <user_id>1</user_id>
  <hours>2.0</hours>
  <comments>Additional implementation</comments>
  <spent_on>2020-10-28</spent_on>
</time_entry>
```

5. try to POST the same data in JSON to /time_entries.json with Content-Type application/json

```
{
  "project_id": "1",
  "issue_id": "1",
  "user_id": "1",
  "hours": "2.0",
  "comments": "Additional implementation",
  "spent_on": "2020-10-28"
}
```

6. try to POST the same data but with hours formatted as number to /time_entries.json with Content-Type application/json

```
{
  "project_id": "1",
  "issue_id": "1",
  "user_id": "1",
  "hours": 2.0,
  "comments": "Additional implementation",
  "spent_on": "2020-10-28"
}
```

What happens

in step 4, XML format, the time entry is created, returns with http 201

in step 5 and 6, JSON format, the endpoint returns with **422 Unprocessable Entity**, complaining about

```
{
  "errors": [
    "Hours cannot be blank"
  ]
}
```

Expected result

either step 5 or step 6 (or maybe both) should work, to be able to create a time entry using JSON-based REST API

History

#1 - 2021-01-06 18:47 - florent thiery

Same problem here

Note that the wiki says that project_id or issue_id is required, not both (i'm not sure it's correct)

https://www.redmine.org/projects/redmine/wiki/Rest_TimeEntries#Creating-a-time-entry

#2 - 2021-01-07 09:33 - Robert Roth

florent thiery wrote:

Same problem here

Note that the wiki says that project_id or issue_id is required, not both (i'm not sure it's correct)

https://www.redmine.org/projects/redmine/wiki/Rest_TimeEntries#Creating-a-time-entry

That seems perfectly correct, as an issue exists in the context of a project, if you have an issue_id, you can find the project easily. And you can log time on project without specifying an issue_id, so yes, either one or the other is required. However, it works fine if you specify both values.

#3 - 2021-01-07 09:44 - florent thiery

Thanks for the precision, i was not aware that you could fill time on a project. I think the wiki should be updated to reflect the possibility of passing user_id

EDIT: i just did it actually