

Redmine - Defect #34212

Time Entries POST doesn't work in JSON format

2020-11-02 15:26 - Robert Roth

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

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         ActiveRecord::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

#4 - 2023-07-26 06:29 - adahox dias

the right way to do it is:

```
{
  "time_entry": {
    "project_id": "1",
    "issue_id": "1",
    "user_id": "1",
    "hours": "2.0",
  }
}
```

```
    "comments": "Additional implementation",  
    "spent_on": "2020-10-28"  
  }  
}
```

#5 - 2023-08-02 17:44 - Holger Just

- *Status changed from New to Closed*
- *Resolution set to Invalid*