

Redmine - Defect #3075

Context-menu issue-status change fails under certain circumstances

2009-03-30 16:52 - Mischa The Evil

Status: Closed	Start date: 2009-03-30
Priority: High	Due date:
Assignee:	% Done: 0%
Category: Issues	Estimated time: 0.00 hour
Target version:	Affected version:
Resolution: Fixed	

Description

An issue-status change of an issue, when using a required timelog-customfield without default value, which gets initiated by a context-menu action, fails (actually leads to the edit-view saying that the timelog-customfield value should be given for the to-be-created 0.0-timelog).

This seems to be caused by something that has affected Redmine earlier: 0.0 timelog entry creation. See defect [#1147](#) which got closed but still not fixes this error when using the context-menu's status-change action.

Quote from myself on [#1147](#):

Zero-Hour timelogs are still added using [r1745](#) of the trunk. I did get an empty time entry while updating an issue using the context-menu.

Steps to reproduce:

- Created a new issue / Or use an existing issue without spent-time
- Change the issue using the context-menu (e.g. change priority)
- No time appears on the issue
- 0.00 time appears on the Spent Time report

Testing this with a export of the current trunk (@ [r1773](#)) this is not happening any longer. It seems to be fixed as a side-effect of the changes made in [r1765](#).

This side-effect clearly does not fixes the issue when using the context-menu's status-change action.

This is something I have experienced before on my tour around patch [#1650](#). I've followed-up the discussion on that issues journal in this forum-thread <http://www.redmine.org/boards/1/topics/show/2352> and I explain the actual *defect* in detail in [this section](#) and I proposed a (maybe dirty) solution for this issue in [this section](#).

Related issues:

Related to Redmine - Defect #4449: Spent Time Default Value of 0.0	Closed	2009-12-18
Related to Redmine - Defect #1147: Updating tickets add a time log with zero ...	Closed	2008-04-30

Associated revisions

Revision 3232 - 2009-12-23 21:05 - Jean-Philippe Lang

Force TimeEntry#hours default to nil (#3075, #4449).

History

#1 - 2009-03-30 16:53 - Mischa The Evil

- Affected version (unused) set to devel

Forgot to mention: tested this on Redmine trunk at [r2641](#).

#2 - 2009-03-30 19:19 - Jean-Philippe Lang

I'm not able to reproduce this problem. Here is what I do:

- I've created a required text timelog custom field with no default value
- Time tracking is enabled on the project

- I'm logged in as an admin
- On the project issue list, I right-click on an issue
- I change the issue status from the context menu
- The issue status is changed and the issue list is refreshed

Is there anything I'm missing?

#3 - 2009-03-30 22:37 - Mischa The Evil

- File *error_on_contextmenu_status-change.jpg* added

- File *issue_after_issuestatus-change.jpg* added

- File *spent-time_details_after_issuestatus-change.jpg* added

Jean-Philippe Lang wrote:

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- I've created a required text timelog custom field with no default value
- Time tracking is enabled on the project
- I'm logged in as an admin
- On the project issue list, I right-click on an issue
- I change the issue status from the context menu

I am doing exactly the same on a clean checkout of [r2641](#) with only the default data loaded and after creating one timelog customfield of the type text which is required but which hasn't a default value. The admin I login with is the default admin which I've made manager of the corresponding project.

Jean-Philippe Lang wrote:

- The issue status is changed and the issue list is refreshed

Here the behaviour is different on my platform. I am being redirected to the edit-view which prompts me that the timelog customfield can't be blank:
error_on_contextmenu_status-change.jpg

If I remove the (required) timelog customfield and repeat the above steps the issue-status change is executed as you proposed above, though a 0.0-timelogentry is then written to the DB which isn't visible on the issue-view:
issue_after_issuestatus-change.jpg

but it is visible on the spent-time report(s):
spent-time_details_after_issuestatus-change.jpg

Jean-Philippe Lang wrote:

Is there anything I'm missing?

I don't know... For what it's worth, here is a list of the components of my test-environment:

- Ruby distribution: *Phusion Ruby Enterprise Edition 1.8.6-20080810*
- Ruby version: *1.8.6 (i686-linux)*
- RubyGems version: *1.3.1*
- Rails version: *2.2.2*
 - Active Record version: *2.2.2*
 - Action Pack version: *2.2.2*
 - Active Resource version: *2.2.2*
 - Action Mailer version: *2.2.2*
 - Active Support version: *2.2.2*
- Database adapter: *MySQL 4.1.20*
- Webserver: *Apache 2.0.52 with Phusion Passenger 2.0.3*
- Redmine: *Trunk at revision [r2641](#)*
- Browser: *Mozilla Firefox 3.0.8*

If more info is required please let me know...

Kind regards,

Mischa.

#4 - 2009-04-04 11:07 - Jean-Philippe Lang

What is strange is that it seems you have a default value of 0.0 for the TimeEntry "hours" attribute. Maybe that's why the TimeEntry gets saved.

Can you try this in your console:

```
>> TimeEntry.new.hours  
=> nil
```

#5 - 2009-04-26 23:12 - Mischa The Evil

Jean-Philippe Lang wrote:

What is strange is that it seems you have a default value of 0.0 for the TimeEntry "hours" attribute. Maybe that's why the TimeEntry gets saved.

Can you try this in your console:

[...]

I needed some time to get this tested well with a 100% clean trunk checkout ([r2696](#)) but here are my results:

In my case the console indeed gives me:

```
>> TimeEntry.new.hours  
=> 0.0
```

This seems to be most-likely an incompatibility with MySQL 4.1.x since migration 32 (create_time_entries) includes:

```
create_table :time_entries do |t|  
  t.column :project_id, :integer, :null => false  
  t.column :user_id, :integer, :null => false  
  t.column :issue_id, :integer  
  t.column :hours, :float, :null => false  
  t.column :comments, :string, :limit => 255  
  t.column :activity_id, :integer, :null => false  
  t.column :spent_on, :date, :null => false  
  t.column :tyear, :integer, :null => false  
  t.column :tmonth, :integer, :null => false  
  t.column :tweek, :integer, :null => false  
  t.column :created_on, :datetime, :null => false  
  t.column :updated_on, :datetime, :null => false  
end
```

but my current schema.rb includes:

```
create_table "time_entries", :force => true do |t|  
  t.integer "project_id", :default => 0, :null => false  
  t.integer "user_id", :default => 0, :null => false  
  t.integer "issue_id"  
  t.float "hours", :default => 0.0, :null => false  
  t.string "comments"  
  t.integer "activity_id", :default => 0, :null => false  
  t.date "spent_on", :null => false  
  t.integer "tyear", :default => 0, :null => false  
  t.integer "tmonth", :default => 0, :null => false  
  t.integer "tweek", :default => 0, :null => false  
  t.datetime "created_on", :null => false  
  t.datetime "updated_on", :null => false  
end
```

This leads *me* to the conclusion that my DB isn't build correctly and since you're testing on MySQL 5.x and I am testing on 4.x I am to blame it another MySQL-compatibility issue... Though, correct me if I'm wrong...

With regards,

Mischa.

#6 - 2009-05-19 01:27 - Mischa The Evil

- File *working_db_structure-time_entries_table.png* added

I've been trying to fix this error for myself and now found that the issue seems to be solved by changing the structure of hours-column in the time_entries-table.

The current (for me, working) structure of the table looks like this:

SQL result

Host: localhost

Database: redmine-trunk_tst_network_lan

SQL-query: show columns from time_entries;

Rijen: 13

Field	Type	Null	Key	Default	Extra
id	int(11)		PRI	NULL	auto_increment
project_id	int(11)		MUL	0	
user_id	int(11)			0	
issue_id	int(11)	YES	MUL	NULL	
hours	float	YES		NULL	
comments	varchar(255)	YES		NULL	
activity_id	int(11)			0	
spent_on	date			0000-00-00	
tyear	int(11)			0	
tmonth	int(11)			0	
tweek	int(11)			0	
created_on	datetime			0000-00-00 00:00:00	
updated_on	datetime			0000-00-00 00:00:00	

Now, no default 0.0-value is "pre-selected" when updating issues and adding timelogs (intended?) which solves the problem of the issue status-change, initiated from the context-menu, leading to the screens mentioned before asking me to correct the values.

This logically "solves" the output of `TimeEntry.new.hours` of showing 0.0 instead of nil. After my changes in the DB-structure, as displayed in the attached image, the console gives me a correct:

```
>> TimeEntry.new.hours  
=> 0.0
```

HTH...

Regards,

Mischa.

#7 - 2009-12-23 21:01 - Jean-Philippe Lang

- Status changed from New to Closed

- Resolution set to Fixed

Fix committed in [r3232](#) for when a default value is set in the database.

#8 - 2009-12-23 23:03 - Mischa The Evil

Jean-Philippe Lang wrote:

Fix committed in [r3232](#) for when a default value is set in the database.

Thanks for the fix Jean...

Files

error_on_contextmenu_status-change.jpg	23.1 KB	2009-03-30	Mischa The Evil
issue_after_issuestatus-change.jpg	22 KB	2009-03-30	Mischa The Evil
spent-time_details_after_issuestatus-change.jpg	17.2 KB	2009-03-30	Mischa The Evil
working_db_structure-time_entries_table.png	18 KB	2009-05-18	Mischa The Evil