

Redmine - Defect #6403

Updating an issue with custom fields fails

2010-09-15 18:13 - Stéphane Dubois

Status:	Closed	Start date:	2010-09-15
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	REST API	Estimated time:	0.00 hour
Target version:	1.1.0	Affected version:	1.0.4
Resolution:	Fixed		
Description			
<p>If I run the following code</p> <pre>require 'rubygems' require 'active_resource' # Issue model on the client side class Issue < ActiveRecord::Base self.site = 'http://redmine.server/' self.user = 'foo' self.password = 'bar' end # Updating an issue issue = Issue.find(1) issue.subject = 'REST API' issue.save</pre> <p>it fails on issue.save with the following error</p> <pre>C:/Ruby187/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/array/conversions.rb:163:in `to_xml': Not all elements respond to to_xml (RuntimeError)</pre> <p>I suspect it has something to do with custom fields because if I do</p> <pre># Updating an issue issue = Issue.find(1) issue.subject = 'REST API' issue.custom_fields = nil issue.save</pre> <p>it works !</p>			
Related issues:			
Related to Redmine - Defect # 7377: Updating an Issue with custom fields set ...		Closed	2011-01-19

Associated revisions

Revision 4480 - 2010-12-10 11:12 - Jean-Philippe Lang

Fixed: error when serializing back objects with custom fields using ActiveRecord (#6403).

Support for updating custom fields using the received custom_fields array (#6345, #6403).

History

#1 - 2010-09-16 23:25 - Ward V

I can confirm this - I'm seeing the same thing. It's the custom_fields that cause this.

#2 - 2010-09-17 15:44 - Stéphane Dubois

Something strange:

to create an issue with a custom field we do

```
issue = Issue.new(  
  :subject => 'REST API',  
  :assigned_to_id => 1,  
  :project_id => 1,  
  :custom_field_values => {'2' => 'Fixed'}  
)  
issue.save
```

but when I retrieve an issue with REST API, :custom_field_values is not an entry of the attributes hash. Instead, I have a :custom_fields entry containing a custom_field entry which is an array containing all custom fields values.

If a try to update one of those values like that

```
issue = Issue.find(1)  
issue.custom_fields.custom_field[0] = dummy_value  
issue.save
```

I get the same error

```
C:/Ruby187/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/array/conversions.rb:163:in `to_xml': Not all elements respond to to_xml (RuntimeError)
```

So, I can't find a way to update a custom field.

#3 - 2010-09-18 00:02 - Stéphane Dubois

In fact, it's possible to update a custom fields with the same hash than for creation, but you must also nilify custom_fields

```
issue = Issue.find(1)  
issue.custom_field_values = {'1' => 'dummy'}  
issue.custom_fields = nil  
issue.save
```

#4 - 2010-11-01 16:04 - Eric Davis

- Assignee set to Eric Davis

#5 - 2010-11-27 00:40 - Eric Davis

- Assignee deleted (Eric Davis)

I am stepping down from working on Redmine. If someone else is interesting in working on this issue, feel free to reassign it to them.

Eric Davis

#6 - 2010-12-03 19:37 - Jean-Philippe Lang

Stéphane Dubois wrote:

```
| In fact, it's possible to update a custom fields with the same hash than for creation, but you must also nilify custom_fields  
| [...]
```

I don't know which version you're using but I can't reproduce this problem with current trunk. The following works:

```
issue = Issue.find(1)  
issue.custom_field_values = {'1' => 'dummy'}  
issue.save
```

#7 - 2010-12-08 20:52 - Jean-Philippe Lang

- Assignee set to Jean-Philippe Lang
- Target version set to 1.0.5
- Affected version (unused) set to 1.0.4
- Affected version set to 1.0.4

Problem found. The fix requires a slight change in the custom fields part of the API.

#8 - 2010-12-10 11:48 - Jean-Philippe Lang

- Status changed from New to Resolved
- Resolution set to Fixed

Problem is fixed in r4480, r4481. You can now the custom_fields array received in the API response to update custom_fields.

```
issue = Issue.find(6467)  
issue.custom_fields.first.name # => "Affected version"  
issue.custom_fields.first.value = '1.0.3'  
issue.save
```

#9 - 2010-12-10 12:33 - Jean-Philippe Lang

- Status changed from Resolved to Closed
- Target version changed from 1.0.5 to 1.1.0

It will have to wait 1.1.0 because it relies on changes done in trunk only.