

Redmine - Defect #8698

Issues REST-API not using valid XML anymore for XML node <custom_field_values/>

2011-06-27 21:55 - Michael Pfannkuchen

Status:	Closed	Start date:	2011-06-27
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	REST API	Estimated time:	0.00 hour
Target version:		Affected version:	1.2.0
Resolution:	Invalid		
Description			
<p>I'm using REST API for importing issues into Redmine. Used Framework is PHP/ActiveResource.php - this worked fine with Redmine 1.1.2. With Redmine 1.2.0 the API changed , so that non-valid XML is necessary to create/update issues now. As far as I see only the POST and PUT requests changed, the GET requests (eg. http://www.example.com/issues/18.xml) still working the way before.</p> <p>This REST-API Update sample worked with Redmine 1.1.2 (written as curl code): echo '<?xml version="1.0" encoding="ISO-8859-1" ?><issue><project_id>9</project_id><custom_fields><custom_field><id>2</id><name>reporter</name><value>my.colleague@example.com</value></custom_field></custom_fields></issue>' curl --insecure -X PUT -H 'Content-type: text/xml' -H 'Accept: text/xml' -d @- https://www.example.com/issues/18.xml?format=xml&key=12356454654</p> <p>To get the same Update action done you have now (with Redmine 1.2.0) to write : echo '<?xml version="1.0" encoding="ISO-8859-1" ?><issue><project_id>9</project_id><custom_field_values><2>my.colleague@example.com</2></custom_field_values></issue>' curl --insecure -X PUT -H 'Content-type: text/xml' -H 'Accept: text/xml' -d @- https://www.example.com/issues/18.xml?format=xml&key=12356454654</p> <p>The second syntax is not XML-valid and not possible to work out with PHP/ActiveResource.php</p> <p>Ruby version 1.8.7 (x86_64-linux) RubyGems version 1.6.2 Rack version 1.1.2 Rails version 2.3.11 Active Record version 2.3.11 Active Resource version 2.3.11 Action Mailer version 2.3.11 Active Support version 2.3.11 Edge Rails revision unknown Application root /home/srv/www/redmine-1.2.0 Environment production Database adapter mysql Database schema version 20110511000000</p>			

History

#1 - 2011-06-28 09:45 - Etienne Massip

- Target version set to Candidate for next minor release

#2 - 2011-07-03 19:45 - Jean-Philippe Lang

- Status changed from New to Closed

- Target version deleted (Candidate for next minor release)

- Resolution set to Invalid

I think that the attribute type="array" is missing on your custom_fields tags.

Here is a working example for creating an issue with custom fields:

```
curl -v -H "Content-Type: application/xml" -X POST --data "@issue.xml" -H "X-Redmine-API-Key: xxxx" http://localhost:3000/projects/myproject/issues.xml
```

where issue.xml content is:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<issue>
  <subject>API custom fields</subject>
  <custom_fields type="array">
    <custom_field>
      <id>2</id>
      <value>Fixed</value>
    </custom_field>
    <custom_field>
      <id>1</id>
      <value>0.8.2</value>
    </custom_field>
  </custom_fields>
</issue>
```

#3 - 2011-07-04 09:38 - Etienne Massip

This is not very intuitive, why would we have to specify something that seems implementation relevant in the request XML ?

Guess it's a RoR requirement, but erh !

#4 - 2011-07-05 13:11 - Michael Pfannkuchen

Ah: I see. The forum message [REST API json/xml syntax for updating/creating issues](#) misleded me completely. In this message the <\$id-number>value</\$id-number> syntax is described as the way to use the Issues REST Api by now. Using the type="array" attribute I can use the ActiveResource.php framework again - many thanks for your help, Jean-Philippe.

Happy projects : Michael