

## Redmine - Defect #12104

### REST API POST new project: malformed? or auth failure? Debian Stable Redmine

2012-10-15 18:22 - Wim Bertels

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	10%
<b>Category:</b>	REST API	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	1.0.1
<b>Resolution:</b>			
<b>Description</b>			
I spent some time using the redmine REST API			
Debian stable repository used, as distupgrades are important			
short script with python:			
<pre>#!/usr/bin/python  import string import sys import urllib import urllib2 import ssl  #redmine REST connectie test_xml = '&lt;project&gt;'\            '&lt;name&gt;snr1234name&lt;/name&gt;'\            '&lt;identifier&gt;snr1234id&lt;/identifier&gt;'\            '&lt;description&gt;Alleen om te testen&lt;/description&gt;'\            '&lt;/project&gt;'  print(test_xml)  top_level_url = "https://redmine.server.domain/" projects_xml_url = top_level_url + 'projects.xml' key = '1234..key..1234' url_met_key = projects_xml_url + '?key=' + key  print(url_met_key)  req = urllib2.Request(top_level_url, test_xml) req.add_header('Content-Type', 'application/xml') response = urllib2.urlopen(req) the_page = response.read()  Which resultes in a index request (ruby), So probably my python code is wrong? No errors though  log:  Processing WelcomeController#index (for 127.0.1.1 at 2012-10-15 18:05:21) [POST]   Parameters: {"action"=&gt;"index", "project"=&gt;{"name"=&gt;"snr1234name", "description"=&gt;"Alleen om te testen", "identifier"=&gt;"snr1234id"}, "controller"=&gt;"welcome"} Rendering template within layouts/base Rendering welcome/index Completed in 24ms (View: 12, DB: 5)   200 OK [https://redmine.server.domain/]  Other examble trying to do the same with curl:</pre>			

```
#!/bin/sh
```

```
curl -k -H "Content-Type: application/xml" -X POST --data "@project.xml"  
https://thesame.server/projects.xml?key=somevalidkeyfrommanagerwithrighttcreate
```

wich results in a auth problem:

```
Processing ProjectsController#add to xml (for 127.0.1.1 at 2012-10-15 18:10:31) [POST]  
Parameters: {"format"=>"xml", "action"=>"add", "project"=>{"name"=>"snr1234name", "description"=  
>"Alleen om te testen", "identifier"=>"snr1234id"}, "controller"=>"projects", "key"=>"validkey"}  
Filter chain halted as [:authorize_global] rendered_or_redirected.  
Completed in 11ms (View: 0, DB: 3) | 401 Unauthorized [https://validserver.org/projects.xml?key=va  
lidkey]
```

Suggestions?

I would change the wiki page:

[http://www.redmine.org/projects/redmine/wiki/Rest\\_api](http://www.redmine.org/projects/redmine/wiki/Rest_api)

concerning project creating in version 1.0.1-2 using REST:

ie if nobody has a working example for creating projects using REST on redmine 1.0.1-2 ?

Info:

```
# dpkg -l | grep redmine  
ii redmine 1.0.1-2 flexible project management w  
eb application  
  
# dpkg -l | grep postgresql  
ii postgresql 8.4.13-0squeeze1 object-relational SQL databas  
e (supported version)  
  
# ruby --version  
ruby 1.8.7 (2010-08-16 patchlevel 302) [x86_64-linux]  
  
# rails --version  
Rails 2.3.5
```

## History

### #1 - 2012-10-16 13:05 - Wim Bertels

- % Done changed from 0 to 10

The problem seems with the way ruby/redmine handles the request

A key authenticated GET request works (giving all the projects):

```
curl -k -H "Content-Type: application/xml" -X GET \  
https://serverx/projects.xml?key=akey
```

But a key authenticated POST request doesn't work:

```
curl -k -H "Content-Type: application/xml" -X POST --data "@project.xml" \  
https://serverx/projects.xml?key=akey
```

Gives the error:

```
Processing ProjectsController#add to xml (for 127.0.1.1 at 2012-10-16 13:05:01) [POST]  
Parameters: {"format"=>"xml", "action"=>"add", "project"=>{"name"=>"snr1234name", "description"=>"Alleen om  
te testen", "identifier"=>"snr1234id"}, "controller"=>"projects", "key"=>"akey"}  
Filter chain halted as [:authorize_global] rendered_or_redirected.  
Completed in 12ms (View: 0, DB: 3) | 401 Unauthorized [https://serverX/projects.xml?key=akey]
```

While a login/password POST request does work:

```
curl -k -H "Content-Type: application/xml" -X POST --data "@project.xml" \  
-u loginY:passZ https://serverX/projects.xml
```

HTH