

## 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>			

#### Description

I spent some time using the redmine REST API

Debian stable repository used, as distupgrades are important

short script with python:

```
#!/usr/bin/python

import string
import sys
import urllib
import urllib2
import ssl

#redmine REST connectie
test_xml = '<project>\n
            <name>snr1234name</name>\n
            <identifier>snr1234id</identifier>\n
            <description>Alleen om te testen</description>\n
            </project>'

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"=>"index", "project"=>{"name"=>"snr1234name", "description"=>"Alleen om te testen", "identifier"=>"snr1234id"}, "controller"=>"welcome"}

Rendering template within layouts/base

Rendering welcome/index

Completed in 24ms (View: 12, DB: 5) | 200 OK [https://redmine.server.domain/]

Other examle trying to do the same with curl:

```
#!/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=validkey]

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 web application
```

```
# dpkg -l | grep postgresql
```

```
ii postgresql             8.4.13-0squeeze1      object-relational SQL database (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