I spent some time using the redmine REST API

Debian stable repository used, as distupgrades are important

short script with python:

```python
#!/usr/bin/python

import string
import sys
import urllib
import urllib2
import ssl

#redmine REST connectie

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 results in a index request (ruby),
So probably my python code is wrong?
No errors though

log:
Other examle trying to do the same with curl:

```bash
#!/bin/sh
curl -k -H "Content-Type: application/xml" -X POST --data "@project.xml"
https://thesame.server/projects.xml?key=somevalidkeyfrommanagerwithrighttocreate
```

Which results in an 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

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

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

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

But a key authenticated POST request doenst work:

```bash
curl -k -H "Content-Type: application/xml" -X POST --data "@project.xml"\\nhttps://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:

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

HTH