

Redmine - Defect #6327

Error parsing svn output: #<REXML::ParseException: No close tag for /lists/list>

2010-09-08 10:12 - Joonas Pulakka

Status:	Closed	Start date:	2010-09-08
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	1.0.1
Resolution:			
Description			
<ul style="list-style-type: none">• Redmine: 1.0.1• Database version: MySQL 5.0• Ruby version: 1.8.7• Rails version: 2.3.5 (the one that came with Redmine in the vendor/ directory)• Subversion: 1.5.1			
<p>I'm trying to access repository using file:/// url (the repository is in the same server as Redmine). It doesn't work. redmine/log/production.log contains the following:</p>			
<pre>Shelling out: svn list --xml 'file:///var/svn/repository/'@HEAD --no-auth-cache --non-interactive Error parsing svn output: #<REXML::ParseException: No close tag for /lists/list> /usr/lib/ruby/1.8/rexml/parsers/treeparser.rb:28:in `parse' /usr/lib/ruby/1.8/rexml/document.rb:228:in `build' /usr/lib/ruby/1.8/rexml/document.rb:43:in `initialize' etc...</pre>			
<p>When I run that exact svn command from shell as www-data user (as Redmine runs under Passenger), I get the following output, which seems perfectly valid:</p>			
<pre>poentt@:/usr/local/lib/redmine-1.0.1\$ svn list --xml 'file:///var/svn/repository/'@HEAD --no-auth-cache --non-interactive <?xml version="1.0"?> <lists> <list path="file:///var/svn/repository"> <entry kind="dir"> <name>app</name> <commit revision="34"> <author>jpulakka</author> <date>2010-09-07T12:55:46.978106Z</date> </commit> </entry> <entry kind="dir"> <name>components</name> <commit revision="46"> <author>jpulakka</author> <date>2010-09-07T13:53:52.115011Z</date> </commit> </entry> <entry kind="dir"> <name>lib</name> <commit revision="33"> <author>jpulakka</author></pre>			

```
<date>2010-09-07T12:41:20.975111Z</date>
</commit>
</entry>
</list>
</lists>
```

Seems somewhat similar to [#3929](#) and [#6312](#).

History

#1 - 2010-09-08 10:32 - Joonas Pulakka

One notion: when provided with slightly wrong URL such as `@file://var/svn/repository/` (missing a slash), svn spits out something like this:

```
<?xml version="1.0"?>
<lists>
<list
  path="file://var/svn/repository">
svn: Unable to open an ra_local session to URL
svn: Local URL 'file://var/svn/repository' contains unsupported hostname
```

which would explain the "No close tag for /lists/list" parsing error - the tags are not indeed closed since the XML output is interrupted by an error message.

Is there a way to set up the logger so that the svn output, that Redmine tries to parse, would be there? Even though I do get proper output when executing the command that Redmine *claims* to be "Shelling out", could it be that Redmine is not getting the same output from svn for some reason?

#2 - 2010-09-08 11:09 - Joonas Pulakka

- *Status changed from New to Resolved*

Found it! Apache's error.log contained stuff like this:

```
svn: Unable to open an ra_local session to URL
svn: Unable to open repository 'file:///var/svn/repository'
svn: Can't open file '/var/svn/repository/format': Permission denied
```

Obviously Redmine was *not* executing the svn command as www-data as I thought it would. That resulted in error message in the svn output, which Redmine considered just malformed XML.

One config file, `redmine/config/email.yml`, was owned by root (even though all other config files were owned by www-data). Chowning it to www-data solved the problem. I have no idea why *that* file had such an effect, but... now it works.

This kind of problems could be more easily solved by adding a couple of debugging features:

- Show svn output in the log.
- Show which user Redmine runs as (this is not always obvious).

#3 - 2011-01-18 06:21 - Toshi MARUYAMA

- *Category set to SCM*

#4 - 2011-02-08 05:09 - Toshi MARUYAMA

- *Status changed from Resolved to Closed*