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:				
Resolution:			**Affected version:**	1.0.1

Description

- 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

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:

```
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...
```

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:

```
poenttoe:/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>
```

```
<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*