

Redmine - Defect #2006

problem accessing svn repository with PATH contains non-english symbols

2008-10-08 10:21 - Roman Kimyaev

Status:	Closed	Start date:	2008-10-08
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:	0.8	Affected version:	0.7.3
Resolution:	Fixed		

Description

Hi,

I have svn repository contains files and 'folders' have both english and non-english(russian) names. There is utf-8 encoding in the settings. Everything well with english named files and 'folders'. But when i trying to get russian named files or 'folder' i see such error in the log:

```
Processing RepositoriesController#browse (for 10.0.1.47 at 2008-10-07 19:13:21) [GET]
  Session ID: 901453329e4997862b681ccde42fa2b7
  Parameters: {"action"=>"browse", "id"=>"prj", "controller"=>"repositories", "path"=>["\u0443\u0440\u0430\u043d/\u0430\u0431\u0441\u0442\u0440\u0430\u043a\u0442\u043d\u044b\u0439 \u0430\u0434\u0430\u043f\u0442\u0435\u0440"]}
```

Error parsing svn output: #<REXML::ParseException: No close tag for /lists/list>
C:/ruby/lib/ruby/1.8/rexml/parsers/treeparser.rb:27:in `parse'
C:/ruby/lib/ruby/1.8/rexml/document.rb:204:in `build'
C:/ruby/lib/ruby/1.8/rexml/document.rb:42:in `initialize'
C:/redmine-0.7/lib/redmine/scm/adapters/subversion_adapter.rb:65:in `new'
C:/redmine-0.7/lib/redmine/scm/adapters/subversion_adapter.rb:65:in `entries'
C:/redmine-0.7/lib/redmine/scm/adapters/abstract_adapter.rb:127:in `call'
C:/redmine-0.7/lib/redmine/scm/adapters/abstract_adapter.rb:127:in `shellout'
C:/redmine-0.7/lib/redmine/scm/adapters/abstract_adapter.rb:125:in `popen'
C:/redmine-0.7/lib/redmine/scm/adapters/abstract_adapter.rb:125:in `shellout'
C:/redmine-0.7/lib/redmine/scm/adapters/subversion_adapter.rb:62:in `entries'
...

I caught invoke shellout(cmd) in the subversion_adapter.rb and saw at the cmd variable.
It contained:

```
'svn list --xml "svn://uran/\u0443\u0440\u0430\u043d/\u0430\u0431\u0441\u0442\u0440\u0430\u043a\u0442\u043d\u044b\u0439 \u0430\u0434\u0430\u043f\u0442\u0435\u0440"@HEAD 2>&1'
```

Temporary i solved this problem in the abstract_adapter.rb:

```
def shellout(cmd, &block)
  logger.debug "Shelling out: #{cmd}" if logger && logger.debug?
  begin
    # IO.popen( cmd, "r+") do |io|
    IO.popen( Iconv.iconv( 'cp1251','utf-8', cmd ).to_s, "r+") do |io|
```

But I think it's no good

P.S. I think such problem is not for Russian chars in path only. This occur when size(utf-8 char) > 1 byte
P.P.S. Sorry for my bad English

Related issues:		
Related to Redmine - Patch #1993: To correct the defect that non-ASCII subver...	Closed	2008-10-06

History

#1 - 2008-10-10 15:12 - Roman Kimyaev

This is the same bug [#1993](#)

#2 - 2008-11-10 10:55 - Jan Ivar Beddari

I had the same problem with Norwegian characters. The patch in [#1993](#) fixed my problem. It seems like this is a legitimate bug .. ? At least we have a solution that works.

#3 - 2008-11-10 12:34 - Jean-Philippe Lang

- *Category set to SCM*
- *Status changed from New to Closed*
- *Target version set to 0.8*
- *Affected version (unused) set to 0.7.3*
- *Resolution set to Fixed*
- *Affected version set to 0.7.3*

Patch [#1993](#) that should fix this problem was committed in [r2004](#).