

## Redmine - Defect #5548

### SVN Repository: Can not list content of a folder which includes square brackets.

2010-05-18 15:28 - Xuan SONG

<b>Status:</b>	Closed	<b>Start date:</b>	2010-05-18
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Davis	<b>% Done:</b>	100%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0 (RC)	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Operation: 1. Create a folder in SVN's repository. The folder's name includes square brackets, such as [dir1]. 2. Add something (files and/or folders) into the folder created above. 3. Confirm them can be displayed correctly by SVN's client. 4. In Redmine's repository, click [dir1] to display its content.  After step4, the The entry or revision was not found in the repository. is displayed.  Environment: 1. Client(WinXP):TortoiseSVN 2. Server(RHEL5):CollabNet Subversion(1.6.6) + redmine(0.9.4) + Postgresql(8.4.3)			

#### Associated revisions

##### Revision 3800 - 2010-06-20 18:08 - Eric Davis

Support listing directories in svn which include square brackets. #5548

Contributed by Gregor Schmidt

#### History

##### #1 - 2010-05-18 15:49 - Felix Schäfer

- Assignee deleted (Felix Schäfer)

I was able to reproduce this.

##### #2 - 2010-06-01 10:24 - ww yhy

I have same problem.

SCM: Subversion

URL: <http://10.121.120.15/svn/ChoSEE/src/mkend/src/>

Login: wwwhy

Password: 123456

I got below error:

The entry or revision was not found in the repository.

##### #3 - 2010-06-01 10:25 - ww yhy

ww yhy wrote:

I have same problem.

SCM: Subversion

URL: <http://ip/svn/test/src/md/src/>

Login: wwwhy

Password: 123456

I got below error:

The entry or revision was not found in the repository.

#### #4 - 2010-06-19 23:20 - Felix Schäfer

- Target version set to 1.0.0 (RC)

#### #5 - 2010-06-20 11:26 - Gregor Schmidt

The basic problem seems to be an incompatibility of the URL RFC1738 and Ruby's URI.escape. The former assumes square brackets unsafe, the latter treats them as safe characters. Therefore they are not properly escaped when building the SVN URL.

I will try to add a failing test and add the necessary escaping.

#### #6 - 2010-06-20 11:54 - Gregor Schmidt

In the mean time I have added a [bug report to Ruby](#).

#### #7 - 2010-06-20 15:14 - Gregor Schmidt

- File patch.diff added

Attached you may find a patch adding a test case and a possible fix.

I had to change the svn test repository, so please regenerate it after applying the patch with

```
rm -fr tmp/test/subversion_repository
rake test:scm:setup:subversion
```

#### #8 - 2010-06-20 15:15 - Gregor Schmidt

- File 0001-adding-test-for-5548-square-brackets-in-svn-paths.patch added

- File 0002-fix-for-5548-escaping-in-svn-urls.patch added

For those preferring git, here is the same patch in gits format-patch format.

#### #9 - 2010-06-20 15:23 - Gregor Schmidt

Please note, that the fix breaks support for IPv6-Urls. But I think those are currently less likely to occur than square brackets.

IPv6 support may be fixed once [Ruby issue #3457](#) is solved.

#### #10 - 2010-06-20 15:40 - Gregor Schmidt

- File 0003-updating-test-case-to-work-with-updated-svn-test-rep.patch added

- File patch.diff added

Another functional test was affected by the change in the test repository. Attached are updated patch files.

#### #11 - 2010-06-20 18:01 - Eric Davis

- Status changed from New to Closed

- Assignee set to Eric Davis

- % Done changed from 0 to 100

- Resolution set to Fixed

Committed in [r3800](#), thank you for the bug report and patch.

#### Files

patch.diff	38.4 KB	2010-06-20	Gregor Schmidt
0001-adding-test-for-5548-square-brackets-in-svn-paths.patch	35.4 KB	2010-06-20	Gregor Schmidt
0002-fix-for-5548-escaping-in-svn-urls.patch	3.71 KB	2010-06-20	Gregor Schmidt
0003-updating-test-case-to-work-with-updated-svn-test-rep.patch	1.23 KB	2010-06-20	Gregor Schmidt
patch.diff	39.2 KB	2010-06-20	Gregor Schmidt