

## RhodeCode CE/EE - Bug #5521

### Proxing SVN http requests does not work when using prefix for rhodecode.

20.12.2018 08:15 - Paul Brand

<b>Status:</b>	Resolved	<b>Start date:</b>	20.12.2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v4.15	<b>Spent time:</b>	0.00 hour
<b>Sorting:</b>		<b>Affected Version:</b>	
<b>Commit Number:</b>			

#### Description

Dear rhodecode,

When setting the prefix for rhodecode in rhodecode.ini svn http proxing does not work.

Our rhodecode server is accessed by <http://kvmech.kverneland.com/rhodecode> through a reverse proxy. Prefix /rhodecode is used to make this work.

On the same server apache is running with mod\_dav svn accessible by "<http://localhost:8090>".

I tried two methodes to make it work:

1.

Set "svn.proxy.location\_root = /rhodecode" in rhodecode.ini to make svn repos available on "

<http://localhost:8090/rhodecode/reponame>"

Set the "Subversion HTTP Server URL" to "<http://localhost:8090/rhodecode>" (or "<http://localhost:8090/rhodecode/>") to proxy the requests to the correct url.

This does not work since the "/rhodecode" on the "Subversion HTTP Server URL" is ignored and requests are forwarded to "

<http://localhost:8090/reponame>" instead of "<http://localhost:8090/rhodecode/reponame>"

Svn error mentions invalid XML returned. Rhodecode log shows a connection error to the SVN server.

2.

Set "svn.proxy.location\_root = /" in rhodecode.ini to make svn repos available on "<http://localhost:8090/reponame>"

Set the "Subversion HTTP Server URL" to "<http://localhost:8090>" to proxy the requests to the correct url.

This does not work. svn error is received telling "kvmech.kverneland.com/reponame" is not the same repo as "kvmech.kverneland.com/rhodecode/reponame"

In both cases the svn server can be accessed directly by "<http://localhost:8090/rhodecode>" or "<http://localhost:8090>".

The current work around is to change simplesvn.py:

From:

```
def _get_url(self, path):
    url_path = urlparse.urljoin(
        self.config.get('subversion_http_server_url', ''), path)
    url_path = urllib.quote(url_path, safe="/:~+!$,;'"")
    return url_path
```

To:

```
def _get_url(self, path):
    url_path = urlparse.urljoin(
        self.config.get('subversion_http_server_url', ''), '/rhodecode' + path)
    #self.config.get('subversion_http_server_url', ''), path)
    url_path = urllib.quote(url_path, safe="/:~+!$,;'"")
    return url_path
```

I got to this workaround with the help of admin on the rhodecode slack channel. Is there a better solution for this?

## History

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### #1 - 20.12.2018 10:46 - Marcin Kuzminski [CTO]

- Status changed from New to In Progress
- Target version set to v4.15

Thanks for reporting that, we'll add a fix to the next stable bugfix release.

### #2 - 28.02.2019 13:52 - Redmine Integration

- Status changed from In Progress to Resolved

Commit 1fb993c1ee05 by Marcin Kuzminski [marcin@rhodecode.com](mailto:marcin@rhodecode.com) on stable branch changed this issue.  
<https://code.rhodecode.com/rhodecode-enterprise-ce/changeset/1fb993c1ee05d54a9a3b25ca0ac6708588824537>