

RhodeCode CE/EE - Bug #5522

vcssserver fails when url contains extra "/"

23.12.2018 14:18 - Paul Brand

Status:	Resolved	Start date:	23.12.2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Sorting:		Affected Version:	
Commit Number:			

Description

We use bitbake to build software for our products. Bitbake fetches the latest sourcecode from various repositories before it start to build software.

Bitbake uses a receipts which tell bitbake what repository to use and how to build the url to access that repository.

Part of a recipe below:

```
HGNAME = "repogroup/reponame"
```

```
SRC_URI = "hg://kvmech.kvernelandgroup.com/rhodecode/;protocol=http;scmdata=keep;module=${HGNAME}"
```

This would work with our previous rhodecode version (4.12.4)

Last week I updated to rhodecode 4.15 and the fetching of repositories did not work anymore. Bitbake reported:

```
ERROR: Fetcher failure: Fetch command failed with exit code 255, output:
```

```
abort: HTTP Error 500: Internal Server Error
```

```
ERROR: Function failed: Fetcher failure for URL: 'hg://kvmech.kvernelandgroup.com/rhodecode/;protocol=http;scmdata=keep;module=repogroup/reponame'. Unable to fetch URL from any source.
```

The following error is from the vcssserver.log:

```
2018-12-23 12:37:49.733 DEBUG [vcserver.http_main] method called:localrepository with kwargs:{} context_uid: 7d80d0bf-d5c0-49a9-a104-3ef33f73fa5d
2018-12-23 12:37:49.733 DEBUG [dogpile.lock] NeedRegenerationException
2018-12-23 12:37:49.733 DEBUG [dogpile.lock] no value, waiting for create lock
2018-12-23 12:37:49.733 DEBUG [dogpile.lock] value creation lock <dogpile.cache.region._LockWrapper object at 0x7f3b1f84bc10> acquired
2018-12-23 12:37:49.734 DEBUG [dogpile.lock] Calling creation function for not-yet-present value
2018-12-23 12:37:49.736 DEBUG [dogpile.lock] Released creation lock
2018-12-23 12:37:49.736 INFO [vcserver.tweens] IP: 127.0.0.1 Request to path: `/hg` time: 0.003s
2018-12-23 12:37:49.755 DEBUG [vcserver.http_main] http-app: handling hg stream
2018-12-23 12:37:49.755 DEBUG [vcserver.scm_app] Creating Mercurial WSGI application
2018-12-23 12:37:49.757 DEBUG [vcserver.scm_app] hgrc file is not present at /repos/repogroup/reponame/.hg/hgrc, skipping...
2018-12-23 12:37:49.759 DEBUG [vcserver.http_main] http-app: starting app handler with <vcserver.scm_app.HgWeb object at 0x7f3b1cdd70d0> and process request
2018-12-23 12:37:49.790 DEBUG [vcserver.lib.exc_tracking] Stored generated exception 139891865038592 as: /tmp/rc_exception_store_v1/139891865038592_vcserver_1545565069.767842
2018-12-23 12:37:49.791 ERROR [vcserver.http_main] error occurred handling this request for path: //repogroup/reponame,
tb: Traceback (most recent call last):
```

```
File "/opt/rhodescode/store/mcjhzq84p171b42cwjlszbz8611ir1b8-python2.7-pyramid-1.9.2/lib/python2.7/site-packages/pyramid/tweens.py", line 39, in excview_tween
    response = handler(request)
File "/opt/rhodescode/store/mcjhzq84p171b42cwjlszbz8611ir1b8-python2.7-pyramid-1.9.2/lib/python2.7/site-packages/pyramid/router.py", line 156, in handle_request
    view_name
File "/opt/rhodescode/store/mcjhzq84p171b42cwjlszbz8611ir1b8-python2.7-pyramid-1.9.2/lib/python2.7/site-packages/pyramid/view.py", line 642, in _call_view
    response = view_callable(context, request)
File "/opt/rhodescode/store/mcjhzq84p171b42cwjlszbz8611ir1b8-python2.7-pyramid-1.9.2/lib/python2.7/site-packages/pyramid/viewderivers.py", line 410, in viewresult_to_response
    result = view(context, request)
File "/opt/rhodescode/store/mcjhzq84p171b42cwjlszbz8611ir1b8-python2.7-pyramid-1.9.2/lib/python2.7/site-packages/pyramid/wsgi.py", line 37, in decorator
    return request.get_response(wrapped)
File "/opt/rhodescode/store/rwjyfikqcf31bm6gppji4q36fdh83dll-python2.7-webob-1.7.4/lib/python2.7/site-packages/webob/request.py", line 1327, in send
    application, catch_exc_info=False)
File "/opt/rhodescode/store/rwjyfikqcf31bm6gppji4q36fdh83dll-python2.7-webob-1.7.4/lib/python2.7/site-packages/webob/request.py", line 1291, in call_application
    app_iter = application(self.environ, start_response)
File "/opt/rhodescode/store/hsq37yg96ril6xlifrvb030v290z6k-python2.7-rhodescode-vcserver-4.15.0/lib/python2.7/site-packages/vcserver/http_main.py", line 509, in _hg_stream
    return app(environ, ResponseFilter(start_response))
File "/opt/rhodescode/store/hsq37yg96ril6xlifrvb030v290z6k-python2.7-rhodescode-vcserver-4.15.0/lib/python2.7/site-packages/vcserver/scm_app.py", line 77, in __call__
    req = requestmod.parserequestfromenv(environ)
File "/opt/rhodescode/store/bhipby53csk71p07gsmi6q3p89qn6am3-python2.7-mercurial-4.6.2/lib/python2.7/site-packages/mercurial/hgweb/request.py", line 260, in parserequestfromenv
    reponame))
ProgrammingError: PATH_INFO does not begin with repo name: //repogroup/reponame (repogroup/reponame)
```

It seems like bitbake generates an url with an extra "/" > "//repogroup/reponame"

I removed the trailing "/" from the bitbake recipe and everything worked fine again:

```
HGNAME = "repogroup/reponame"
```

```
SRC_URI = "hg://kvmeh.kvernelandgroup.com/rhodescode;protocol=http;scmdata=keep;module=${HGNAME}"
```

It looks like rhodescode became more strict with url formatting.

The problem is resolved with the change to the bitbake recipe but the behaviour of rhodescode definitely changed between 4.12 and 4.15.

And i think a 404 error would be more appropriate instead of a 500 server error.

History

#1 - 28.02.2019 13:52 - Redmine Integration

- Status changed from New to Resolved

Commit 44e97172e86f by Marcin Kuzminski marcin@rhodescode.com on default branch changed this issue.

<https://code.rhodescode.com/rhodescode-enterprise-ce/changeset/44e97172e86f722b97d8f2f9448ef5133ad2c9ce>

Commit e2c979bce842 by Marcin Kuzminski marcin@rhodescode.com on stable branch changed this issue.

<https://code.rhodescode.com/rhodescode-enterprise-ce/changeset/e2c979bce8420a56e1391d83800499bb7ec9f269>