

RhodeCode CE/EE - Bug #5444

Error while creating a pull request on a Mercurial repository

28.02.2018 22:16 - Michael Davis

Status:	Resolved	Start date:	28.02.2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	v4.11	Spent time:	0.00 hour
Sorting:		Affected Version:	
Commit Number:			
Description			
<p>We installed the update to RhodeCode Enterprise 4.11.5 last night (we were previously on 4.10.6, I think). Today, one of our users reported an error when trying to create a pull request on a Mercurial repository. Digging into the log files, I found these errors logged:</p>			
<p>From enterprise.log:</p>			
<pre>2018-02-28 14:35:48.989 ERROR [rhodecode.apps.repository.views.repo_pull_requests] Error occurred during creation of this pull request. Traceback (most recent call last): File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/apps/repository/views/repo_pull_requests.py", line 837, in pull_request_create pullrequest_title, description, reviewer_rules File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/model/pull_request.py", line 524, in create pull_request, user=created_by_user, translator=translator) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/model/pull_request.py", line 1629, in validate pull_request, translator=translator) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/model/pull_request.py", line 1228, in merge_status resp = self._try_merge(pull_request) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/model/pull_request.py", line 1291, in _try_merge pull_request, target_vcs, target_ref) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/model/pull_request.py", line 1324, in _refresh_merge_status close_branch=close_branch) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/backends/base.py", line 478, in merge use_rebase=use_rebase, close_branch=close_branch) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/backends/hg/repository.py", line 785, in _merge_repo source_ref, use_rebase=use_rebase, dry_run=dry_run) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/backends/hg/repository.py", line 619, in _local_merge self._update(target_ref.commit_id) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/backends/hg/repository.py", line 579, in _update self._remote.update(revision, clean=clean) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/client_http.py", line 125, in f return self._call(name, *args, **kwargs) File "/opt/rhodecode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodecode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodecode/lib/vcs/client_http.py", line 144, in _call_with_logging</pre>			

```
return RemoteRepo._call(self, name, *args, **kwargs)
File "/opt/rhodescode/store/hrv1v1186rjwls7qbb8c3h45dv9n1frd-python2.7-rhodescode-enterprise-ce-4.11.5/lib/python2.7/site-packages/rhodescode/lib/vcs/exceptions.py", line 212, in wrapper
    raise _EXCEPTION_MAP[kind](*args)
UnhandledException: dirty() got an unexpected keyword argument 'missing'
```

From vcserver.log:

```
2018-02-28 14:35:48.839 ERROR [vcserver.hg] Unhandled exception in hg remote call
Traceback (most recent call last):
  File "/opt/rhodescode/store/dfz1mkwm7v373c40jim1njh17sqgdnlh-python2.7-rhodescode-vcserver-4.11.5/lib/python2.7/site-packages/vcserver/hg.py", line 76, in wrapper
    return func(*args, **kwargs)
  File "/opt/rhodescode/store/dfz1mkwm7v373c40jim1njh17sqgdnlh-python2.7-rhodescode-vcserver-4.11.5/lib/python2.7/site-packages/vcserver/hg.py", line 659, in update
    commands.update(baseui, repo, node=node, clean=clean)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/commands.py", line 5517, in update
    updatecheck=updatecheck)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/hg.py", line 817, in updatetotally
    ret = _update(repo, checkout, updatecheck=updatecheck)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/hg.py", line 754, in update
    stats = updaterepo(repo, node, False, updatecheck=updatecheck)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/hg.py", line 750, in updaterepo
    updatecheck=updatecheck)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/hgext/largefiles/overrides.py", line 1441, in mergeupdate
    result = orig(repo, node, branchmerge, force, *args, **kwargs)
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/merge.py", line 1892, in update
    if not branchmerge and not wc.dirty(missing=True):
  File "/opt/rhodescode/store/hgp03jrdni84hg60af1pw36swfwq3rm4-python2.7-mercurial-4.4.2/lib/python2.7/site-packages/mercurial/context.py", line 1532, in dirty
    if self.sub(s).dirty(missing=missing):
TypeError: dirty() got an unexpected keyword argument 'missing'
```

History

#1 - 28.02.2018 22:26 - Marcin Kuzminski [CTO]

Hi Michael,

This looks like a bug in Mercurial internals, is that repo with problems an largefiles repo ? (do you have largefiles extension enabled in rhodescode?)

#2 - 28.02.2018 22:30 - Michael Davis

Marcin Kuzminski [staff] wrote:

Hi Michael,

This looks like a bug in Mercurial internals, is that repo with problems an largefiles repo ? (do you have largefiles extension enabled in rhodescode?)

Yes, the largefiles extension is enabled.

#3 - 28.02.2018 22:44 - Marcin Kuzminski [CTO]

Hi Michael,

It looks like in case of subrepos something in Mercurial handling got changed.

We're going to work on a fix, for now, please locate a file called hgpatches.py it should be located at:

```
/opt/rhodescode/store/dfz1mkwm7v373c40jim1njh17sqgdnlh-python2.7-rhodescode-vcserver-4.11.5/lib/python2.7/site-packages/vcserver/hgpatches.py
```

Inside that file, please change the dirty() function to one below:

```
def dirty(self, ignoreupdate=False, missing=False):
    """returns true if the dirstate of the subrepo is dirty or does not
    match current stored state. If ignoreupdate is true, only check
    whether the subrepo has uncommitted changes in its dirstate.
    """
    return False
```

close and save the file, and also remove compiled PYC file at
/opt/rhocode/store/dfz1mkwm7v373c40jim1njh17sqgdlh-python2.7-rhocode-vcserver-4.11.5/lib/python2.7/site-packages/vcserver/hgpatches.
pyc

After that and restart of vcserver things should be ok!

#4 - 28.02.2018 22:53 - Michael Davis

I made those changes and we were able to get the pull request to go through successfully. Thanks!

#5 - 28.03.2018 23:30 - Redmine Integration

- *Status changed from New to Resolved*

Commit f24cf18d7d3f by Marcin Kuzminski marcin@rhocode.com on default branch changed this issue.
<https://internal-code.rhocode.com/rhocode-vcserver/changeset/f24cf18d7d3ffa71086097cd18cc98578bf869a9>

#6 - 17.04.2018 22:29 - Redmine Integration

Commit f24cf18d7d3f by Marcin Kuzminski marcin@rhocode.com on default branch changed this issue.
<https://code.rhocode.com/rhocode-vcserver/changeset/f24cf18d7d3ffa71086097cd18cc98578bf869a9>