

## Redmine - Defect #7253

### Test failures in MercurialAdapterTest

2011-01-09 11:49 - Jean-Philippe Lang

<b>Status:</b>	Closed	<b>Start date:</b>	2011-01-09
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Toshi MARUYAMA	<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<p>With r4667 (trunk or 1.1-stable), I'm getting some test failures on MercurialAdapterTest. Mercurial version used for testing is 1.7.</p> <p>When running tests under linux:</p> <p>1) Failure: test_diff(MercurialAdapterTest) [test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:54:in `test_diff' /test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:52:in `each' /test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:52:in `test_diff' /test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `each' /test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `test_diff']: &lt;50&gt; expected but was &lt;49&gt;.</p> <p>When running tests under windows:</p> <p>1) Failure: test_diff(MercurialAdapterTest) [test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:51:in `test_diff' test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `each' test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `test_diff']: &lt;" + return true unless klass.respond_to?('watched_by')\r\n"&gt; expected but was &lt;" + return true unless klass.respond_to?('watched_by')\n"&gt;.</p> <p>If I manually fix the assertion, I get other failure in the same test (test_diff).</p> <p>Can you check that ? 1.1 release is planned today.</p>			
<b>Related issues:</b>			
Related to Redmine - Defect # 7518: Mercurial diff can be wrong if the previo...		<b>Closed</b>	<b>2011-02-02</b>

#### Associated revisions

**Revision 4668 - 2011-01-09 14:53 - Toshi MARUYAMA**

scm: mercurial: add --git option in 'hg diff' (#7253).

**Revision 4669 - 2011-01-09 15:19 - Toshi MARUYAMA**

scm: mercurial: remove new line in diff unit test(#7253).

#### Revision 4686 - 2011-01-11 06:15 - Toshi MARUYAMA

scm: mercurial: diff '-c' option supports above Mercurial 1.2 (#3724, #7253).

r4662 fails in old Mercurial.

#### Revision 4688 - 2011-01-11 09:41 - Toshi MARUYAMA

scm: mercurial: change diff option from --git to --config diff.git=false (#7253).

#### Revision 4792 - 2011-02-02 11:01 - Toshi MARUYAMA

scm: mercurial: add unit lib test for the previous changeset isn't the parent (#7253, #7518).

### History

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#### #1 - 2011-01-09 13:46 - Toshi MARUYAMA

This code is in trunk only. I will fix. Please release 1.1. Sorry.

#### #2 - 2011-01-09 14:13 - Toshi MARUYAMA

```
$ hg diff --nodate -r 2 -r 4 | wc
 50 256 1991
```

In my ~/.hgrc

```
[diff]
git=1
nodates=1
showfunc = True
```

I comment out "git=1"

```
$ hg diff --nodate -r 2 -r 4 | wc
 49 252 1908
```

#### #3 - 2011-01-09 14:27 - Yuya Nishihara

Maybe Mercurial adapter should set HGPLAIN=1 in some way.

Because Ruby 1.8 doesn't provide a sane way to change envvar to be passed to sub process, it can be achieved by new helper extension.

#### #4 - 2011-01-09 15:22 - Toshi MARUYAMA

I have committed r4668 and r4669.

Test passes on my Fedora 13.

#### #5 - 2011-01-09 15:42 - Toshi MARUYAMA

Tests passes on my Windows Vista mingw32 Ruby.

```
$ hg --version
```

```
Mercurial Distributed SCM (version 1.7.2)
```

```
(see http://mercurial.selenic.com for more information)
```

```
Copyright (C) 2005-2010 Matt Mackall and others
```

```
This is free software; see the source for copying conditions. There is NO  
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

```
$ ruby --version
```

```
ruby 1.8.6 (2010-02-04 patchlevel 398) [i386-mingw32]
```

#### #6 - 2011-01-09 16:11 - Toshi MARUYAMA

I don't install mswin ruby.

On my mingw ruby, r4668 fails.

1) Failure:

```
test_diff(MercurialAdapterTest)
```

```
[test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:51:in `test_diff'
```

```
test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `each'
```

```
test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb:48:in `test_diff']:
```

```
<"> return true unless klass.respond_to?('watched_by')\r\n"> expected but was
```

```
<"> return true unless klass.respond_to?('watched_by')\n">.
```

```
8 tests, 72 assertions, 1 failures, 0 errors
```

r4669 passes.

#### #7 - 2011-01-09 16:24 - Yuya Nishihara

r4668:

Do we need git diff? If not, --config diff.git=false will be better.

#### #8 - 2011-01-09 17:04 - Toshi MARUYAMA

Yuya Nishihara wrote:

r4668:

*Do we need git diff? If not, --config diff.git=false will be better.*

I will fix tomorrow in Japan.

**#9 - 2011-01-09 17:19 - Toshi MARUYAMA**

I confirmed 1.1-stable r4660 Mercurial two unit tests and one functional test pass on my mingw Ruby.

**#10 - 2011-01-09 17:37 - Jean-Philippe Lang**

Toshi MARUYAMA wrote:

*I confirmed 1.1-stable r4660 Mercurial two unit tests and one functional test pass on my mingw Ruby.*

Yes, 1.1-stable tests actually pass for me too, sorry for that. 1.1.0 was just released.

Trunk tests also pass now (r4670) on my linux box.

**#11 - 2011-01-09 18:34 - Yuya Nishihara**

Jean-Philippe Lang wrote:

*1.1.0 was just released.*

Congrats!

Toshi MARUYAMA wrote:

*Do we need git diff? If not, --config diff.git=false will be better.*

*I will fix tomorrow in Japan.*

Ah, it's not so urgent. Maybe we need a comprehensive way to disable user settings.

**#12 - 2011-01-09 22:30 - Jean-Philippe Lang**

FYI, build status is now available at <http://www.redmine.org/builds/index.html>.

More information can be found on the wiki page [\[\[Continuous integration\]\]](#).

**#13 - 2011-01-10 09:14 - Etienne Massip**

Jean-Philippe Lang wrote:

*FYI, build status is now available at <http://www.redmine.org/builds/index.html>.*

| *More information can be found on the wiki page [\[\[Continuous integration\]\]](#).*

[\[\[Contribute\]\]](#) page refs <http://ci.finn.de/> as CI server, where builds still fail on Mercurial tests.

#### #14 - 2011-01-10 09:30 - Toshi MARUYAMA

Etienne Massip wrote:

| *Jean-Philippe Lang wrote:*

| *FYI, build status is now available at <http://www.redmine.org/builds/index.html>.*

| *More information can be found on the wiki page [\[\[Continuous integration\]\]](#).*

| *[\[\[Contribute\]\]](#) page refs <http://ci.finn.de/> as CI server, where builds still fail on Mercurial tests.*

Thanks.

I saw [http://ci.finn.de/builds/1-8-7\\_redmine-trunk\\_sqlite3/4674](http://ci.finn.de/builds/1-8-7_redmine-trunk_sqlite3/4674) .

I updated Mercurial test repository.

You need to delete tmp/test/mercurial\_repository, and extract new test repository.

#### #15 - 2011-01-10 09:39 - Jean-Philippe Lang

Etienne Massip wrote:

| *[\[\[Contribute\]\]](#) page refs <http://ci.finn.de/> as CI server, where builds still fail on Mercurial tests.*

This third-party CI server doesn't seem to be maintained any more. The page was updated to point to the new build status page.

Toshi MARUYAMA wrote:

| *You need to delete tmp/test/mercurial\_repository, and extract new test repository.*

Test repositories are updated automatically on the new CI environment (the rake task test:scm:update was added for this purpose).

#### #16 - 2011-01-10 10:11 - Etienne Massip

Jean-Philippe Lang wrote:

| *Etienne Massip wrote:*

| *[\[\[Contribute\]\]](#) page refs <http://ci.finn.de/> as CI server, where builds still fail on Mercurial tests.*

| *This third-party CI server doesn't seem to be maintained any more. The page was updated to point to the new build status page.*

According to this recent post : message#20544, Billy T or / and Holger at least seem to keep it working. Maybe should we keep both links available ?

Toshi MARUYAMA wrote:

You need to delete tmp/test/mercurial\_repository, and extract new test repository.

Test repositories are updated automatically on the new CI environment (the rake task test:scm:update was added for this purpose).

**#17 - 2011-01-10 18:48 - Jean-Philippe Lang**

- Status changed from New to Closed
- Resolution set to Fixed

The link to this CI was restored.

**#18 - 2011-01-11 01:02 - Toshi MARUYAMA**

- Status changed from Closed to Reopened

I saw [http://ci.finn.de/builds/1-8-7\\_redmine-trunk\\_sqlite3/4682](http://ci.finn.de/builds/1-8-7_redmine-trunk_sqlite3/4682).

hg diff: option -c not recognized

-c option supports above Mercurial 1.2.

I will fix.

**#19 - 2011-01-11 09:11 - Etienne Massip**

Toshi MARUYAMA wrote:

I saw [http://ci.finn.de/builds/1-8-7\\_redmine-trunk\\_sqlite3/4682](http://ci.finn.de/builds/1-8-7_redmine-trunk_sqlite3/4682).

[...]

-c option supports above Mercurial 1.2.

I will fix.

Nice, builds pass now. Curiously, ruby 1.9.2 trunk builds failed on Mercurial tests only ?

**#20 - 2011-01-11 20:02 - Etienne Massip**

Sorry, 1.9.2 builds pass too.

**#21 - 2011-02-02 11:04 - Toshi MARUYAMA**

- Status changed from Reopened to Closed

I create new issue #7518 for "hg diff -c".