

## Redmine - Defect #5408

### Mercurial and chinese code

2010-04-30 10:25 - xiaoyu yin

<b>Status:</b>	Closed	<b>Start date:</b>	2010-04-30
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	0.9.3
<b>Resolution:</b>	Duplicate		
<b>Description</b>			
HG repository path encoding problem.			
When the way to repository include some chinese code, there's some problem with it to show the way or the name of files.			
!!			
<b>Related issues:</b>			
Has duplicate Redmine - Defect #5407: HG repository path encoding problem. Whe...		<b>Closed</b>	<b>2010-04-30</b>
Is duplicate of Redmine - Defect #2664: Mercurial: Repository path encoding o...		<b>Closed</b>	<b>2009-02-04</b>

### History

#### #1 - 2010-04-30 11:35 - Jean-Philippe Lang

- Subject changed from HG repository path encoding problem. When there is chinese to Mercurial and chinese code

Please post in english and include patches rather than source files so we can see what you changed.

#### #2 - 2010-04-30 11:38 - Toshi MARUYAMA

Try [#2664](#) patch.

#### #3 - 2010-05-04 09:01 - xiaoyu yin

Thank you fist! I have tried the Settings -> Repository setting to set the code of repository, but it doesn't solve the problem.

I have tried the [#2664](#) patch and it doesn't solve the problem too.

My configure:

BitNami Redmine Stack

```
(  
- Redmine 0.9.3  
- Apache 2.2.14  
- ImageMagick 6.5.6-8-Q8  
- MySQL 5.0.83  
- Subversion 1.6.6  
- Ruby 1.8.7  
- Rails 2.3.5  
- RubyGems 1.3.5  
)
```

tortoisehg-1.0.1-hg-1.5.1-x86(= mercurial 1.5.1)

system: Windows Xp professional 2002 SP3

#### #4 - 2010-05-04 21:21 - Toshi MARUYAMA

- File *redmine-windows-japanese-sjis.png* added  
- File *redmine-windows-japanese-sjis-setting.png* added  
- File *tortoisehg-windows-japanese-sjis.png* added  
- File *explorer-windows-japanese-sjis.png* added

Thank you for your feedback.

I have tried on Japanese Windows Vista and SQLite.

I can see Japanese named file.

You need to delete repository created before patch applied and recreate the same repository from Redmine settings tab.

#### #5 - 2010-05-04 21:42 - Toshi MARUYAMA

- File *tortoisehg-windows-japanese-sjis-1.png* added

Please delete "tortoisehg-windows-japanese-sjis.png" because this image contains mail address.

Now I post a new image "tortoisehg-windows-japanese-sjis-1.png".

#### #6 - 2010-05-04 22:29 - Felix Schäfer

- File *deleted (tortoisehg-windows-japanese-sjis.png)*

#### #7 - 2010-05-05 09:33 - xiaoyu yin

- File *problem\_cut\_01.bmp* added

- File *problem\_cut\_02.bmp* added

Does the issue-2664-0.9-stable-2010-04-11.patch will add an 'repository path encoding Options' in the repository tab settings of redmine ? or I need to set the 'repository encoding Options' in the repository tab settings of redmine to UTF-8 ?

I Modified my source file as the issue-2664-0.9-stable-2010-04-11.patch told, but there's nothing changed.

And I have tried to delete repository and recreate by redmine, but there's nothing changed.

By the way , my hg's language setting is English for redmine doesn't Identification chinese hg. When I changed hg to English language, the redmine works.

You can see from picture that the commit message and author in chinese are all correct except the chinese path.

#### #8 - 2010-05-05 12:50 - Toshi MARUYAMA

You need to run "patch" command with -p1 option on redmine directory and run "rake db:migrate" .

```
$ hg clone -U http://bitbucket.org/svn/redmine
$ cd redmine
$ hg update -r 0.9-stable
$ wget http://www.redmine.org/attachments/download/3544/issue-2664-0.9-stable-2010-04-11.patch
$ patch -p1 < issue-2664-0.9-stable-2010-04-11.patch
patching file lib/redmine/scm/adapters/mercurial/hg-template-0.9.5.tpl
patching file lib/redmine/scm/adapters/mercurial/hg-template-1.0.tpl
patching file lib/redmine/scm/adapters/mercurial_adapter.rb
patching file app/helpers/repositories_helper.rb
patching file app/models/repository.rb
patching file db/migrate/20100410053957_add_repositories_path_encoding.rb
patching file lib/redmine/scm/adapters/path_encodable_wrapper.rb
$ hg status
M app/helpers/repositories_helper.rb
M app/models/repository.rb
M lib/redmine/scm/adapters/mercurial/hg-template-0.9.5.tpl
M lib/redmine/scm/adapters/mercurial/hg-template-1.0.tpl
M lib/redmine/scm/adapters/mercurial_adapter.rb
? db/migrate/20100410053957_add_repositories_path_encoding.rb
? issue-2664-0.9-stable-2010-04-11.patch
? lib/redmine/scm/adapters/path_encodable_wrapper.rb
$ rake db:migrate RAILS_ENV=XXXX
```

#### #9 - 2010-05-05 13:05 - Toshi MARUYAMA

You can use "hg import" instead of "patch" command.

```
$ hg pare
changeset: 3718:50156ae18af6
branch: 0.9-stable
tag: tip
parent: 3713:661ffe81dfdd
user: jplang@e93f8b46-1217-0410-a6f0-8f06a7374b81
date: Mon May 03 16:21:37 2010 +0000
summary: tagged version 0.9.4
```

```
$ hg import issue-2664-0.9-stable-2010-04-11.patch
applying issue-2664-0.9-stable-2010-04-11.patch
applied fb5f1869fb60
```

```
$ hg glog -l3
@ changeset: 3720:4d0e8db09b44
| branch: 0.9-stable
| tag: tip
| user: Yuya Nishihara <XXXXXXXXXXXXXXXXXX>
| date: Sun Apr 11 11:17:38 2010 +0900
| summary: repository: add filename encoding conversion
|
o changeset: 3719:fb5f1869fb60
| branch: 0.9-stable
| user: Yuya Nishihara <XXXXXXXXXXXXXXXXXX>
| date: Sun Apr 11 11:17:43 2010 +0900
| summary: mercurial: escape any filenames by urlescape
|
o changeset: 3718:50156ae18af6
| branch: 0.9-stable
| parent: 3713:661ffe81dfdd
| user: jplang@e93f8b46-1217-0410-a6f0-8f06a7374b81
| date: Mon May 03 16:21:37 2010 +0000
| summary: tagged version 0.9.4
|
```

#### #10 - 2010-05-06 04:46 - xiaoyu yin

I can't run the 'rake' command .

#### #11 - 2010-05-06 06:08 - Toshi MARUYAMA

xiaoyu yin wrote:

I can't run the 'rake' command .

```
$ gem install rake
```

#### #12 - 2010-05-10 03:43 - xiaoyu yin

- Status changed from New to Resolved

Thank you! But I can't run the command too.

#### #13 - 2010-05-10 07:24 - Toshi MARUYAMA

I don't know what BitNami is.  
"hg clone" is an example of source install.  
You need rename config/database.yml.example to config/database.yml.

```
$ rake db:migrate RAILS_ENV=test_sqlite3
(in R:/REDMINE/bitbucket-redmine-qclone/redmine-mq)
Loaded suite r:/Ruby/bin/rake
Started
```

```
Finished in 0.001 seconds.
```

```
0 tests, 0 assertions, 0 failures, 0 errors
```

```
$ rake db:migrate RAILS_ENV=XXXX
(in R:/REDMINE/bitbucket-redmine-qclone/redmine-mq)
rake aborted!
No such file or directory - R:/REDMINE/bitbucket-redmine-qclone/redmine-mq/config/environments/XXXX.rb
```

```
(See full trace by running task with --trace)
```

#### #14 - 2010-05-10 07:43 - xiaoyu yin

- File database.yml added

Thank you very much .

Here is the explain of BitNami:[http://bitnami.org/learn\\_more](http://bitnami.org/learn_more)

my database.yml exists.

### #15 - 2010-05-10 13:02 - Toshi MARUYAMA

Set PATH to your ruby.exe installed path.

```
set PATH=%PATH%;R:\Ruby\bin
```

You can use control panel too.

```
R:\Ruby\bin>dir
```

```
2010/03/23 12:24 <DIR> .
2010/03/23 12:24 <DIR> ..
2010/02/10 12:34          419 convert_to_should_syntax
2010/02/10 12:34          170 convert_to_should_syntax.bat
2009/11/10 04:00      48,640 dbm3.dll
2009/11/10 04:00       3,880 erb
2009/11/10 04:00        177 erb.bat
2009/11/10 04:00     62,464 gdbm3.dll
2009/11/10 04:01        571 gem
2009/11/10 04:01        177 gem.bat
2009/11/10 04:00        377 irb
2009/11/10 04:00        177 irb.bat
2009/11/10 04:00   1,568,177 libeay32-0.9.8-msvcrt.dll
2009/11/10 04:00   978,432 libiconv2.dll
2009/11/10 03:56   839,680 msvcrt-ruby18.dll
2009/11/10 04:00   114,688 pdcurses.dll
2010/01/18 21:56        392 rackup
2010/01/18 21:56        152 rackup.bat
2010/03/23 12:24        394 rails
2010/03/23 12:24        151 rails.bat
2010/01/18 21:56        390 rake
2010/01/18 21:56        150 rake.bat
2009/11/10 04:00     1,541 rdoc
2009/11/10 04:00        177 rdoc.bat
2009/11/10 04:00     1,489 ri
2009/11/10 04:00        177 ri.bat
2009/11/10 04:00   422,583 ruby.exe
2009/11/10 04:00   422,583 rubyw.exe
2009/09/12 09:53        312 setrbvars.bat
2009/11/10 04:00   329,215 sslay32-0.9.8-msvcrt.dll
2009/11/10 04:00        151 testrb
2009/11/10 04:00        177 testrb.bat
2009/11/10 04:00   59,904 zlib1.dll
```

### #16 - 2010-05-11 03:02 - xiaoyu yin

Maybe I can use the Bitnami's control panel?

like the annex

### #17 - 2010-05-11 03:58 - Toshi MARUYAMA

- File Japanese-Windows-set-env.png added

PATH is environment variable.

[http://en.wikipedia.org/wiki/Environment\\_variable](http://en.wikipedia.org/wiki/Environment_variable)

### #18 - 2010-05-11 04:49 - xiaoyu yin

- File 中国语言.bmp added

I've already set this to chinese by adding a system Environment\_variable LANGUAGE zh\_CN.

and I can't use the rake command in ruby/bin directory too.

### #19 - 2010-05-11 05:28 - Toshi MARUYAMA

```
c:\>set PATH
```

```
Path=r:\Ruby\bin;C:\Program Files\TortoiseHg;C:\strawberry\c\bin;C:\strawberry\perl\bin;R:\PostgreSQL\8.4\bin;R:\PostgreSQL\8.4\lib;R:\PHP\;...
```

### #20 - 2010-05-11 05:42 - Toshi MARUYAMA

- File japanese-windows-set-env-ruby.png added

**#21 - 2010-06-08 09:30 - xiaoyu yin**

- File `migrate_result.txt` added

Sorry for so long time to test it.

I have run migrate command successfully, but the option doesn't been added.

I test it for several times, only once I can see the addition option but even this, there still shows error on chinese codes.

**#22 - 2010-06-08 12:01 - Toshi MARUYAMA**

I recommend you to manage redmine source with git or Mercurial.

Git repository.

<http://github.com/edavis10/redmine>

Mercurial repository.

<http://bitbucket.org/svn/redmine>

Yuya's (patch author) MQ repository.

<http://bitbucket.org/yuja/redmine-mq/src>

<http://bitbucket.org/yuja/redmine-mq-issue4455>

**#23 - 2010-06-09 00:26 - Toshi MARUYAMA**

Redmine hg adapter has LANG problem [#5117](#).

If Redmine runs as Windows service, you need to remove LANG env from system or apply [#5117](#) patch. For TortoiseHg you can set user LANG env.

**#24 - 2010-06-09 10:00 - xiaoyu yin**

Oh, it's luckily today. I had to uninstall the redmine and reinstall it. Then creat hg repository in redmine folder.

And then import the patch. And then restart the redmine service. It works!! The `path_encoding` column was added successfully.

I repeat the steps above, it works too.

So, there's no error code now.

Thank you Toshi Maruyama! The problem solved.

**#25 - 2010-06-09 10:41 - Toshi MARUYAMA**

Please set this issue related to [#2664](#).

**#26 - 2010-06-09 10:57 - xiaoyu yin**

Ok. Also, I run the "rake db:migrate RAILS\_ENV=production" command. It's necessary.

**#27 - 2010-06-09 11:21 - Toshi MARUYAMA**

Xiaoyu, thanks for posting message at [#2664](#).

Contributor, please set this issue related to [#2664](#) because I don't have a right to set issue relation.

**#28 - 2010-06-10 09:53 - xiaoyu yin**

Issue [#2664](#)

**#29 - 2010-06-10 09:54 - xiaoyu yin**

How can I do it?

**#30 - 2010-06-10 10:11 - Toshi MARUYAMA**

xiaoyu yin wrote:

How can I do it?

You and I don't have a right to set issue relation on this Redmine.

For example, this issue is related to [#5407](#) .

**#31 - 2010-08-26 00:38 - Eric Davis**

- Priority changed from *Urgent* to *Normal*

I can't tell if this issue is resolved or not. Any else know what's going on here?

**#32 - 2010-08-26 00:46 - Toshi MARUYAMA**

Eric Davis wrote:

I can't tell if this issue is resolved or not. Any else know what's going on here?

This is duplicate with [#2664](#).

**#33 - 2010-08-26 00:51 - Toshi MARUYAMA**

And this issue is related with [#5251](#).

**#34 - 2011-01-02 00:09 - Toshi MARUYAMA**

- Status changed from Resolved to Closed

- Resolution changed from Fixed to Duplicate

**Files**

---

hg-template-1.0.tmpl	825 Bytes	2010-04-30	xiaoyu yin
mercurial_adapter_[]_rb	7.94 KB	2010-04-30	xiaoyu yin
hg-chinese-problem.bmp	147 KB	2010-04-30	xiaoyu yin
redmine-windows-japanese-sjis.png	7.99 KB	2010-05-04	Toshi MARUYAMA
redmine-windows-japanese-sjis-setting.png	10.5 KB	2010-05-04	Toshi MARUYAMA
explorer-windows-japanese-sjis.png	9.21 KB	2010-05-04	Toshi MARUYAMA
tortoisehg-windows-japanese-sjis-1.png	39.2 KB	2010-05-04	Toshi MARUYAMA
problem_cut_01.bmp	264 KB	2010-05-05	xiaoyu yin
problem_cut_02.bmp	387 KB	2010-05-05	xiaoyu yin
database.yml	1.09 KB	2010-05-10	xiaoyu yin
Japanese-Windows-set-env.png	19.2 KB	2010-05-11	Toshi MARUYAMA
[][]-[].bmp	480 KB	2010-05-11	xiaoyu yin
japanese-windows-set-env-ruby.png	17.5 KB	2010-05-11	Toshi MARUYAMA
migrate_result.txt	2.07 KB	2010-06-08	xiaoyu yin