

Redmine - Defect #14357

Wrong encoding for Bazaar repository

2013-06-26 10:01 - Muhammad Bashir Al-Noimi

Status:	New	Start date:	
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	1.4.4
Resolution:			
Description			
<p>I configured my project for reading my bazaar repository but I surprised when I discovered that redmine shows the log with '?' characters instead of Unicode (I'm using Arabic characters)</p> <p>I read about similar bug but it seems fixed while I'm still face this issue!</p> <p>How can I fix this issue?</p> <p>PS</p> <ul style="list-style-type: none">• "bzd log" shows correctly (see this screenshot)• I configured redmine to use Arabic interface (see this screenshot) <p>My System locale</p> <pre>linux-server ~ # env TERM=xterm SHELL=/bin/bash XDG_SESSION_COOKIE=8bc01c29c7eefef0c99074e800000005-1370964589.800340-2108479271 SSH_CLIENT=192.168.0.129 45329 22 SSH_TTY=/dev/pts/1 USER=root MAIL=/var/mail/root PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games PWD=/root LANG=en_US.UTF-8 SHLVL=1 HOME=/root LOGNAME=root SSH_CONNECTION=192.168.0.129 45329 192.168.0.74 22 _=/usr/bin/env linux-server ~ # dpkg-reconfigure locales Generating locales... ar_LY.UTF-8... up-to-date ar_SA.UTF-8... up-to-date ar_SY.UTF-8... up-to-date en_AG.UTF-8... up-to-date en_AU.UTF-8... up-to-date en_BW.UTF-8... up-to-date en_CA.UTF-8... up-to-date en_DK.UTF-8... up-to-date en_GB.UTF-8... up-to-date en_HK.UTF-8... up-to-date en_IE.UTF-8... up-to-date en_IN.UTF-8... up-to-date en_NG.UTF-8... up-to-date en_NZ.UTF-8... up-to-date en_PH.UTF-8... up-to-date en_SG.UTF-8... up-to-date en_US.UTF-8... up-to-date en_ZA.UTF-8... up-to-date</pre>			

```
en_ZM.UTF-8... up-to-date
en_ZW.UTF-8... up-to-date
Generation complete.
linux-server ~ # locale
LANG=en_US.UTF-8
LANGUAGE=
LC_CTYPE="en_US.UTF-8"
LC_NUMERIC="en_US.UTF-8"
LC_TIME="en_US.UTF-8"
LC_COLLATE="en_US.UTF-8"
LC_MONETARY="en_US.UTF-8"
LC_MESSAGES="en_US.UTF-8"
LC_PAPER="en_US.UTF-8"
LC_NAME="en_US.UTF-8"
LC_ADDRESS="en_US.UTF-8"
LC_TELEPHONE="en_US.UTF-8"
LC_MEASUREMENT="en_US.UTF-8"
LC_IDENTIFICATION="en_US.UTF-8"
LC_ALL=
linux-server ~ #
```

Postgresql configuration

```
-- Database: redmine_default

-- DROP DATABASE redmine_default;

CREATE DATABASE redmine_default
WITH OWNER = postgres
ENCODING = 'UTF8'
TABLESPACE = pg_default
LC_COLLATE = 'en_US.UTF-8'
LC_CTYPE = 'en_US.UTF-8'
CONNECTION LIMIT = -1;
```

History

#1 - 2013-06-26 10:37 - Toshi MARUYAMA

- Category changed from *I18n* to *SCM*

#2 - 2013-06-26 10:41 - Toshi MARUYAMA

Is webserver (e.g. apache passenger) user root?
"bzd log" encoding depends on user locale.

#3 - 2013-06-26 10:43 - Toshi MARUYAMA

- Subject changed from *Wrong encoding for Bzd repository* to *Wrong encoding for Bazaar repository*

#4 - 2013-06-26 10:51 - Muhammad Bashir Al-Noimi

Toshi MARUYAMA wrote:

Is webserver (e.g. apache passenger) user root?

what do you mean?

#5 - 2013-06-26 11:28 - Toshi MARUYAMA

On my CentOS6

```
$ ps -ef | grep -i pass
root      1411  1395  0 17:58 ?          00:00:00 PassengerWatchdog
root      1416  1411  0 17:58 ?          00:00:00 PassengerHelperAgent
root      1420  1416  0 17:58 ?          00:00:00 Passenger spawn server
nobody    1423  1411  0 17:58 ?          00:00:00 PassengerLoggingAgent
xxxxxx    1539  1420  1 18:24 ?          00:00:02 Passenger ApplicationSpawner: /REDMINE/MY-REDMINE/test-3000
```

```
xxxxxx 1616 1420 2 18:25 ? 00:00:02 Passenger ApplicationSpawner: /REDMINE/MY-REDMINE/test-4000
xxxxxx 1659 1551 0 18:27 pts/0 00:00:00 grep -i pass
```

#6 - 2013-06-26 11:31 - Toshi MARUYAMA

http://www.modrails.com/documentation/Users%20guide%20Apache.html#finding_out_app_user

#7 - 2013-06-26 18:14 - Muhammad Bashir AI-Noimi

Toshi MARUYAMA wrote:

On my CentOS6

```
linux-server ~ # ps -ef | grep -i pass
root      2187  2171  0 Jun25 ?        00:00:00 /usr/lib/phusion_passenger/ApplicationPoolServerExecutable 0 /
usr/lib/phusion_passenger/passenger-spawn-server /usr/bin/ruby /tmp/passenger.2151
root      2189  2187  0 Jun25 ?        00:01:39 Passenger spawn server
www-data 23222  2189  1 17:09 ?        00:00:04 Passenger ApplicationSpawner: /usr/share/redmine
root      23696 23645  0 17:15 pts/0    00:00:00 grep --colour=auto -i pass
linux-server ~ #
```

I'm using ubuntu

#8 - 2013-06-26 19:21 - Toshi MARUYAMA

What is locale of www-data user?

What is result of "bzs log" of www-data user?

#9 - 2013-06-26 22:38 - Muhammad Bashir AI-Noimi

Toshi MARUYAMA wrote:

What is locale of www-data user?

What is result of "bzs log" of www-data user?

www-data just a user/group created by tasksel LAMP. How can I get its local?

#10 - 2013-06-27 00:17 - Toshi MARUYAMA

Muhammad Bashir AI-Noimi wrote:

Toshi MARUYAMA wrote:

What is locale of www-data user?

What is result of "bzs log" of www-data user?

www-data just a user/group created by tasksel LAMP. How can I get its local?

On root user, "# su - www-data".

#11 - 2013-06-27 18:16 - Muhammad Bashir AI-Noimi

Toshi MARUYAMA wrote:

On root user, "# su - www-data".

```
linux-server master # su - www-data
$ locale
LANG=en_US.UTF-8
LANGUAGE=
LC_CTYPE="en_US.UTF-8"
LC_NUMERIC="en_US.UTF-8"
LC_TIME="en_US.UTF-8"
LC_COLLATE="en_US.UTF-8"
LC_MONETARY="en_US.UTF-8"
LC_MESSAGES="en_US.UTF-8"
```

```
LC_PAPER="en_US.UTF-8"
LC_NAME="en_US.UTF-8"
LC_ADDRESS="en_US.UTF-8"
LC_TELEPHONE="en_US.UTF-8"
LC_MEASUREMENT="en_US.UTF-8"
LC_IDENTIFICATION="en_US.UTF-8"
LC_ALL=
$ bzz log
bzz: ERROR: Not a branch: "/var/www/".
$
```

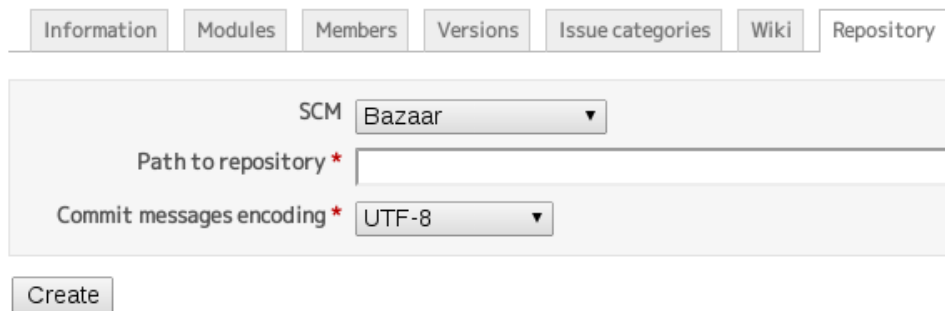
By the way, I upgraded redmine to version 2.3.1 but I still get same issue

#12 - 2013-06-28 00:26 - Toshi MARUYAMA

- File settings.png added

What is "Commit messages encoding"?

Settings



The screenshot shows the 'Repository' settings page in Redmine. At the top, there are tabs for 'Information', 'Modules', 'Members', 'Versions', 'Issue categories', 'Wiki', and 'Repository'. The 'Repository' tab is selected. Below the tabs, there is a form with the following fields:

- SCM: A dropdown menu with 'Bazaar' selected.
- Path to repository *: An empty text input field.
- Commit messages encoding *: A dropdown menu with 'UTF-8' selected.

At the bottom of the form, there is a 'Create' button.

#13 - 2013-06-28 10:41 - Muhammad Bashir Al-Noimi

Toshi MARUYAMA wrote:

What is "Commit messages encoding"?

UTF-8

P.S. I tried CP1256 but I got similar behavior

#14 - 2013-06-28 14:28 - Toshi MARUYAMA

I have no idea.

Bazaar is poor than Subversion and Mercurial and Git.

- Subversion and Mercurial support xml output, but Bazaar does not.
- Mercurial and Git can set encoding, but Bazaar cannot.
 - Mercurial: source.tags/2.3.1/lib/redmine/scm/adapters/mercurial_adapter.rb#L304
 - Git: source.tags/2.3.1/lib/redmine/scm/adapters/git_adapter.rb#L172

#15 - 2013-06-28 14:34 - Toshi MARUYAMA

I recommend you to switch from Bazaar to Mercurial or Git.

Because Bazaar is no longer being actively developed.

- <https://lists.ubuntu.com/archives/bazaar/2012q4/075330.html>
- <http://www.stationary-traveller.eu/pages/bzr-a-retrospective.html>

#16 - 2013-06-28 14:49 - Muhammad Bashir Al-Noimi

Toshi MARUYAMA wrote:

I recommend you to switch from Bazaar to Mercurial or Git.
Because Bazaar is no longer being actively developed.

- <https://lists.ubuntu.com/archives/bazaar/2012q4/075330.html>
- <http://www.stationary-traveller.eu/pages/bzr-a-retrospective.html>

unfortunately, currently this is not an option to me because we use bzt many years ago, but the only option I've to do is finding a solution for redmine or I've to replace redmine with something else.

As I mentioned before I've no experience with Ruby so the only place to get support is here.

#17 - 2013-06-28 15:32 - Toshi MARUYAMA

Muhammad Bashir Al-Noimi wrote:

I've to replace redmine with something else.

But, Trac with Bazaar has problems.

<http://lists.nvaccess.org/pipermail/nvda-dev/2013-April/032163.html>

Files

settings.png	15.2 KB	2013-06-27	Toshi MARUYAMA
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