

Redmine - Defect #11834

Bazaar: "???" instead of non ASCII character in paths on non UTF-8 locale

2012-09-14 17:15 - Alexander Usenko

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Toshi MARUYAMA	% Done:	100%
Category:	SCM	Estimated time:	0.00 hour
Target version:	2.2.0	Affected version:	
Resolution:	Fixed		
Description			
BitNami Redmine Stack:			
<ul style="list-style-type: none">• Redmine 2.0.3• Ruby 1.8.7• Rails 3.2.6• Apache 2.2			
I'm using Redmine on Windows XP SP3 Rus and Windows Server 2003 Rus (cp1251). There is a problem with browsing Bazaar repository containing cyrillic symbols in repository filenames and paths. I see ??? instead of cyrillic symbols.			
I didn't find solution of this problem anywhere. Is there one?			
So, I checked other scm *_adapter.rb and made same 'bzd' output encoding conversion, so everything works now (see attached files, they contains comments of basic changes). Was it useless?			
Changes:			
<ul style="list-style-type: none">• Added path encoding setup when adding Bazaar repo (same as for the filesystem).• Removed log encoding setup, because of Bazaar is storing all comments in utf8 inside and outputs them with same encoding as for the path.			
P.S. Saw Ruby for the first time when started to do this			

Associated revisions

Revision 10414 - 2012-09-18 00:49 - Toshi MARUYAMA

scm: bazaar: update test repository (#11834)

Add new "non_ascii" branch.

It was created by "bzd branch --no-tree branch00 non_ascii".

It is equivalent to Git bare repository and Mercurial "hg update null".

It has non ASCII path name files and directory.

Revision 10415 - 2012-09-18 01:45 - Toshi MARUYAMA

scm: bazaar: add @path_encoding instance value and set it UTF-8 at adapter initialize method (#11834)

Revision 10416 - 2012-09-18 01:45 - Toshi MARUYAMA

scm: bazaar: convert command line character encoding to @path_encoding (#11834)

Revision 10417 - 2012-09-18 01:46 - Toshi MARUYAMA

scm: bazaar: convert path encoding from @path_encoding to UTF-8 at adapter revisions method (#11834)

Revision 10418 - 2012-09-18 01:46 - Toshi MARUYAMA

scm: bazaar: convert path encoding from @path_encoding to UTF-8 at adapter entries method (#11834)

Revision 10420 - 2012-09-18 11:30 - Toshi MARUYAMA

scm: bazaar: use log encoding as path encoding (#11834)

Revision 10421 - 2012-09-18 11:30 - Toshi MARUYAMA

scm: bazaar: add non ASCII path test to unit model test (#11834)

Revision 10422 - 2012-09-18 12:10 - Toshi MARUYAMA

scm: bazaar: do not call super initialize method at adapter (#11834)

On Bazaar 2.0.5, in case of using non ASCII **repository** path, following trace raise on all operation.

```
Traceback (most recent call last):
  File "/usr/bin/bzr", line 142, in <module>
    exit_val = bzrlib.commands.main()
  File "/usr/lib/python2.6/site-packages/bzrlib/commands.py", line 1102, in main
    argv = osutils.get_unicode_argv()
  File "/usr/lib/python2.6/site-packages/bzrlib/osutils.py", line 90, in get_unicode_argv
    "encoding." % a))
bzrlib.errors.BzrError:
Parameter '/somewhere/\xe3\x83\x90\xe3\x82\xb6\xe3\x83\xbc/non_ascii/'
is unsupported by the current encoding.
```

Revision 10423 - 2012-09-18 12:10 - Toshi MARUYAMA

scm: bazaar: add more comment to non ASCII path tests at unit model test (#11834)

History

#1 - 2012-09-14 17:46 - Alexander Usenko

There can be a problem with file annotation view (simple file view is Ok). "Attachments and repositories encodings" in application settings must be set to "UTF-8, CP1251", not to "CP1251, UTF-8". Last case causes file to look like it is encoded in UTF-8, but is browsed in CP1251.

What is being seen: C,РμCfC, C,РμCfC, C,РμCfC,
What should be seen: rect rect rect

Maybe i forgot smth in annotate function of bazaar_adapter.rb

#2 - 2012-09-15 11:19 - Bruno Souza

I dont know

#3 - 2012-09-15 11:26 - Toshi MARUYAMA

- Status changed from New to 7
- Assignee set to Toshi MARUYAMA
- Affected version (unused) deleted (2.0.3)
- Affected version deleted (2.0.3)

#4 - 2012-09-18 12:41 - Toshi MARUYAMA

- Subject changed from Redmine+Bazaar+Windows: "???" instead of cyrillic symbols in repository paths to Bazaar+Windows: "???" instead of non ASCII character in paths

#5 - 2012-09-18 12:43 - Toshi MARUYAMA

- Subject changed from Bazaar+Windows: "???" instead of non ASCII character in paths to Bazaar: "???" instead of non ASCII character in paths on non UTF-8 locale

#6 - 2012-09-18 13:09 - Toshi MARUYAMA

- Target version set to 2.2.0
- % Done changed from 0 to 100

#7 - 2012-10-13 13:03 - Jean-Philippe Lang

- Status changed from 7 to Closed
- Resolution set to Fixed

Files

bazaar.rb	3.95 KB	2012-09-14	Alexander Usenko
bazaar_adapter.rb	11.8 KB	2012-09-14	Alexander Usenko

