

Redmine - Patch #5117

mercurial_adapter should ensure the right LANG environment variable

2010-03-18 12:12 - Alessio Caiazza

Status:	Closed	Start date:	2010-03-18
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	SCM	Estimated time:	0.00 hour
Target version:	1.0.4		
Description			
http://www.redmine.org/projects/redmine/repository/revisions/3506/entry/trunk/lib/redmine/scm/adapters/mercurial_adapter.rb#L47 matches with a regular expression which may not work on some locales.			
<pre>\$ locale grep LANG LANG="it_IT.UTF-8" \$ hg --version Mercurial SCM Distribuito (versione 1.5+20100307)</pre>			
To ensure the correct behaviour you may set LANG='C' before calling hg.			
rake test error snippets			
2) Error: test_annotate(RepositoriesMercurialControllerTest): NoMethodError: You have a nil object when you didn't expect it! You might have expected an instance of ActiveRecord::Base. The error occurred while evaluating nil.[] lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line' lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion' lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version' lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path' lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions' lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info' lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url' lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize' app/models/repository.rb:41:in `new' app/models/repository.rb:41:in `scm' app/models/repository.rb:75:in `default_branch' app/controllers/repositories_controller.rb:205:in `find_repository' /test/functional/repositories_mercurial_controller_test.rb:125:in `test_annotate'			
3) Error: test_changes(RepositoriesMercurialControllerTest): NoMethodError: You have a nil object when you didn't expect it! You might have expected an instance of ActiveRecord::Base. The error occurred while evaluating nil.[] lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line' lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion' lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version' lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path' lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions' lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info' lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url' lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize' app/models/repository.rb:41:in `new' app/models/repository.rb:41:in `scm' app/models/repository.rb:75:in `default_branch' app/controllers/repositories_controller.rb:205:in `find_repository' /test/functional/repositories_mercurial_controller_test.rb:79:in `test_changes'			
4) Error:			

```
test_diff(RepositoriesMercurialControllerTest):
NoMethodError: You have a nil object when you didn't expect it!
You might have expected an instance of ActiveRecord::Base.
The error occurred while evaluating nil.[]
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:87:in `diff'
app/controllers/repositories_controller.rb:167:in `diff'
/test/functional/repositories_mercurial_controller_test.rb:113:in `test_diff'
```

5) Error:

```
test_directory_entry(RepositoriesMercurialControllerTest):
NoMethodError: You have a nil object when you didn't expect it!
You might have expected an instance of ActiveRecord::Base.
The error occurred while evaluating nil.[]
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:104:in `test_directory_entry'
```

6) Error:

```
test_entry_download(RepositoriesMercurialControllerTest):
NoMethodError: You have a nil object when you didn't expect it!
You might have expected an instance of ActiveRecord::Base.
The error occurred while evaluating nil.[]
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:97:in `test_entry_download'
```

7) Error:

```
test_entry_show(RepositoriesMercurialControllerTest):
NoMethodError: You have a nil object when you didn't expect it!
You might have expected an instance of ActiveRecord::Base.
The error occurred while evaluating nil.[]
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
```

```
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:86:in `test_entry_show'
```

8) Error:

```
test_show(RepositoriesMercurialControllerTest):
```

NoMethodError: You have a nil object when you didn't expect it!

You might have expected an instance of ActiveRecord::Base.

The error occurred while evaluating nil.[]

```
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:40:in `test_show'
```

9) Error:

```
test_show_at_given_revision(RepositoriesMercurialControllerTest):
```

NoMethodError: You have a nil object when you didn't expect it!

You might have expected an instance of ActiveRecord::Base.

The error occurred while evaluating nil.[]

```
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository/mercurial.rb:33:in `entries'
app/controllers/repositories_controller.rb:72:in `show'
/test/functional/repositories_mercurial_controller_test.rb:71:in `test_show_at_given_revision'
```

10) Error:

```
test_show_directory(RepositoriesMercurialControllerTest):
```

NoMethodError: You have a nil object when you didn't expect it!

You might have expected an instance of ActiveRecord::Base.

The error occurred while evaluating nil.[]

```
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:59:in `test_show_directory'
```

11) Error:

```
test_show_root(RepositoriesMercurialControllerTest):
```

```
NoMethodError: You have a nil object when you didn't expect it!
You might have expected an instance of ActiveRecord::Base.
The error occurred while evaluating nil.[]
lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
app/models/repository.rb:41:in `new'
app/models/repository.rb:41:in `scm'
app/models/repository.rb:75:in `default_branch'
app/controllers/repositories_controller.rb:205:in `find_repository'
/test/functional/repositories_mercurial_controller_test.rb:48:in `test_show_root'
```

This patch applies on redmine 0.9.3

```
$ script/about
About your application's environment
Ruby version      1.8.7 (universal-darwin10.0)
RubyGems version  1.3.6
Rack version      1.0
Rails version     2.3.5
Active Record version 2.3.5
Active Resource version 2.3.5
Action Mailer version 2.3.5
Active Support version 2.3.5
Application root  /Users/nolith/Documents/Projects/redmine-hg
Environment      development
Database adapter  sqlite3
Database schema version 20100222000000
```

Related issues:

Has duplicate Redmine - Defect #7059: Error on the implementation issues Repo...	Closed	2010-12-07
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Associated revisions

Revision 4417 - 2010-11-20 15:04 - Jean-Philippe Lang

Fixed: MercurialAdapter.client_version depends on LANG environment variable (#5117).

Revision 4422 - 2010-11-21 15:25 - Jean-Philippe Lang

Fixed: r4417 breaks MercurialAdapter with ruby 1.8.6 (#5117).

History

#1 - 2010-03-18 13:46 - Toshi MARUYAMA

- File windows-lang-c.png added

This patch does not work on windows.

#2 - 2010-03-18 15:32 - Toshi MARUYAMA

```
$ hg diff
diff -r 8152dlbdeac5 lib/redmine/scm/adapters/mercurial_adapter.rb
--- a/lib/redmine/scm/adapters/mercurial_adapter.rb      Sun Feb 28 22:12:54 2010 +0900
+++ b/lib/redmine/scm/adapters/mercurial_adapter.rb      Thu Mar 18 23:30:34 2010 +0900
@@ -23,7 +23,8 @@
class MercurialAdapter < AbstractAdapter

  # Mercurial executable name
-  HG_BIN = "hg"
+  # HG_BIN = "hg"
+  HG_BIN = "env LANG=C hg"
  TEMPLATES_DIR = File.dirname(__FILE__) + "/mercurial"
  TEMPLATE_NAME = "hg-template"
```

```
TEMPLATE_EXTENSION = "tmpl"
```

```
$ env LANG=ja_JP.UTF-8 hg --version
Mercurial - 0000000000 (000000 1.5+99-bedef1c228d3)
```

#3 - 2010-03-18 16:18 - Toshi MARUYAMA

MSysGit has env.exe in "C:\Program Files\Git\bin".
But TortoiseHg does not have env.exe in "C:\Program Files\TortoiseHg".
This is not solution.

#4 - 2010-03-18 16:28 - Alessio Caiazza

Toshi Maruyama wrote:

MSysGit has env.exe in "C:\Program Files\Git\bin".
But TortoiseHg does not have env.exe in "C:\Program Files\TortoiseHg".
This is not solution.

Does it install python?

```
# HG changeset patch
# Parent 0dc60afda5722afecf6f7fc5c13552d3f008bdf2
sets LANG variable before calling hg
```

```
diff --git a/lib/redmine/scm/adapters/mercurial_adapter.rb b/lib/redmine/scm/adapters/mercurial_adapter.rb
--- a/lib/redmine/scm/adapters/mercurial_adapter.rb
+++ b/lib/redmine/scm/adapters/mercurial_adapter.rb
@@ -45,6 +45,12 @@
```

```
    def hgversion_from_command_line
      %x{#{HG_BIN} --version}.match(/\(version (.*)\) \)/)[1]
+    rescue NoMethodError
+      hgversion_from_python
+    end
+
+    def hgversion_from_python
+      %x{python -c "from mercurial import util; print util.version()"}&.strip
+    end
```

```
    def template_path
```

#5 - 2010-03-18 17:02 - Alessio Caiazza

TortoiseHG didn't install python, it compiles hg.
Not a solution.

#6 - 2010-03-18 18:23 - Toshi MARUYAMA

- *File hg-lang-c.patch added*

I create patch and finish test on Windows.
This patch for Redmine 0.9.3.

#7 - 2010-03-18 21:21 - Jean-Philippe Lang

IMHO, it would be simpler to assume that the version number is of the first line of the output.
Just like we do for other SCM:

```
if m = io.gets.to_s.match(%r{((\d+\.)+\d+)})
  version = m[0].scan(%r{\d+}).collect(&:to_i)
end
```

#8 - 2010-03-19 11:01 - Alessio Caiazza

- *File fix_mercurial_localization_issue.diff added*

Patch based on Jean's advice.

#9 - 2010-09-29 14:30 - Toshi MARUYAMA

- *File hg-version-20100929.diff added*

- % Done changed from 0 to 100

I fixed Yuya's [MQ](#) which fails [source:tags/1.0.2/test/unit/lib/redmine/scm/adapters/mercurial_adapter_test.rb](#) and added new test.

#10 - 2010-09-29 15:10 - Toshi MARUYAMA

I pushed [hg-version-20100929.diff](#) to my github.

- <http://github.com/marutosi/redmine/commit/hg-version>
- <http://github.com/marutosi/redmine/commit/8fcc83da4dd29c6f96cf7a9db445df604882e0aa>

#11 - 2010-09-30 16:15 - Toshi MARUYAMA

- File [hg-version-yuya-mq-c5a47a5f63.diff](#) added

Yuya reviewed and updated my previous patch and imported to his MQ.

- <http://bitbucket.org/yuja/redmine-mq-issue4455/issue/7/request-for-refreshing-hg-versiondiff>
- <http://bitbucket.org/yuja/redmine-mq-issue4455/changeset/c5a47a5f63f5>

I attach new patch and pushed my github.

- <http://github.com/marutosi/redmine/commits/hg-version-yuya-mq-c5a47a5f63>
- <http://github.com/marutosi/redmine/commits/e2334dcb4b85976a1224>

I wish to set target of this issue to next stable 1.0.3.

#12 - 2010-11-14 13:19 - Toshi MARUYAMA

- File [hg-version-20101114.diff](#) added

I update the patch referring of [note-13](#) of [#6860](#).

- change io.gets to io.read
- update regular expression for multi lines
- update test for multi lines

Please set this issue target next stable 1.0.4.

#13 - 2010-11-14 17:29 - Yuya Nishihara

- File [hg-version-2010-11-15.patch](#) added

- File [hg-version-minimal-2010-11-15.patch](#) added

Toshi MARUYAMA wrote:

[hg-version-20101114.diff](#)

Hi, I think your patch is overengineerd. Here's a patch to fix this issue with minimal changes: [hg-version-minimal-2010-11-15.patch](#)

I have another one to fix this, [hg-version-2010-11-15.patch](#), but it contains more changes to simplify the codes.

#14 - 2010-11-20 14:59 - Jean-Philippe Lang

- Status changed from New to Closed

- Target version set to 1.0.4

I've committed [hg-version-minimal-2010-11-15.patch](#) in trunk and 1.0-stable as it solves the reported error.

Thanks.

#15 - 2010-11-20 16:55 - Toshi MARUYAMA

- Status changed from Closed to Reopened

Unit test fails.

```
$ LANG=C ruby test/unit/repository_mercurial_test.rb
./test/unit/./test_helper.rb:405: warning: don't put space before argument parentheses
/usr/lib/ruby/gems/1.8/gems/rails-2.3.5/lib/rails/gem_dependency.rb:119:Warning: Gem::Dependency#version_requi
rements is deprecated and will be removed on or after August 2010. Use #requirement
```

```
Loaded suite test/unit/repository_mercurial_test
Started
.EEEEE
Finished in 2.508805 seconds.
```

```
1) Error:
test_cat(RepositoryMercurialTest):
NoMethodError: undefined method `lines' for #<String:0x7fa9541f9a28>
  lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
  lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
  lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
  lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
  lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
  lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
  lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
  lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
  app/models/repository.rb:41:in `new'
  app/models/repository.rb:41:in `scm'
  test/unit/repository_mercurial_test.rb:67:in `test_cat'
```

#16 - 2010-11-20 17:23 - Toshi MARUYAMA

- *File hg-version-2010-11-20.patch added*

I refresh a patch for SVN trunk based on Yuya's hg-version-2010-11-15.patch.

#17 - 2010-11-20 17:26 - Yuya Nishihara

- *File mercurial_adapter_each_line.patch added*

Toshi MARUYAMA wrote:

Unit test fails.

Gee, Ruby 1.8.6 doesn't seem to have String#lines method, sorry. Could you test the attached patch? [mercurial_adapter_each_line.patch](#)

#18 - 2010-11-20 18:50 - Toshi MARUYAMA

Yuya Nishihara wrote:

Toshi MARUYAMA wrote:

Unit test fails.

Gee, Ruby 1.8.6 doesn't seem to have String#lines method, sorry. Could you test the attached patch? [mercurial_adapter_each_line.patch](#)

It fails.

```
$ ruby test/unit/repository_mercurial_test.rb
./test/unit/./test_helper.rb:405: warning: don't put space before argument parentheses
/usr/lib/ruby/gems/1.8/gems/rails-2.3.5/lib/rails/gem_dependency.rb:119:Warning: Gem::Dependency#version_requi
rements is deprecated and will be removed on or after August 2010. Use #requirement
Loaded suite test/unit/repository_mercurial_test
Started
.EEEEE
Finished in 3.546667 seconds.
```

```
1) Error:
test_cat(RepositoryMercurialTest):
LocalJumpError: no block given
  lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `each_line'
  lib/redmine/scm/adapters/mercurial_adapter.rb:47:in `hgversion_from_command_line'
  lib/redmine/scm/adapters/mercurial_adapter.rb:40:in `hgversion'
  lib/redmine/scm/adapters/mercurial_adapter.rb:33:in `client_version'
  lib/redmine/scm/adapters/mercurial_adapter.rb:51:in `template_path'
  lib/redmine/scm/adapters/mercurial_adapter.rb:108:in `revisions'
  lib/redmine/scm/adapters/mercurial_adapter.rb:72:in `info'
  lib/redmine/scm/adapters/abstract_adapter.rb:162:in `retrieve_root_url'
  lib/redmine/scm/adapters/abstract_adapter.rb:54:in `initialize'
  app/models/repository.rb:41:in `new'
```

```
app/models/repository.rb:41:in `scm'
test/unit/repository_mercurial_test.rb:67:in `test_cat'
```

```
$ ruby --version
ruby 1.8.6 (2010-02-05 patchlevel 399) [x86_64-linux]
```

```
$ LANG=C rpm -qi ruby
Name      : ruby                      Relocations: (not relocatable)
Version   : 1.8.6.399                Vendor: Fedora Project
Release   : 6.fc13                   Build Date: Mon Aug 23 02:56:25 2010
Install Date: Wed Sep  1 10:42:01 2010    Build Host: x86-14.phx2.fedoraproject.org
Group     : Development/Languages      Source RPM: ruby-1.8.6.399-6.fc13.src.rpm
Size      : 1740271                    License: Ruby or GPLv2
Signature : RSA/SHA256, Tue Aug 24 02:03:58 2010, Key ID 7edc6ad6e8e40fde
Packager  : Fedora Project
URL       : http://www.ruby-lang.org/
Summary   : An interpreter of object-oriented scripting language
Description :
Ruby is the interpreted scripting language for quick and easy
object-oriented programming.  It has many features to process text
files and to do system management tasks (as in Perl).  It is simple,
straight-forward, and extensible.
```

#19 - 2010-11-20 19:34 - Yuya Nishihara

- File *mercurial_adapter_1.8.6fix.patch* added

Toshi MARUYAMA wrote:

[mercurial_adapter_each_line.patch](#)

It fails.

Hmm, #each_line => Enumerator seems also introduced in 1.8.7, according to `string.c:rb_str_each_line()`.
I changed #hgversion_from_command_line to return whole lines and updated the test case accordingly:

[mercurial_adapter_1.8.6fix.patch](#)

This should fix the problem on Ruby 1.8.6.
We could use `String#to_a` (only for 1.8.x) or `String#split("\n")`, but I think it's simple just not to eliminate trailing lines.

#20 - 2010-11-21 02:28 - Toshi MARUYAMA

- File *hg-version-2010-11-21.diff* added

I update the patch for SVN trunk referring JPL's implementation of [r4419\(#6860\)](#) which uses `io.read` and `'\A'` regular expression.

#21 - 2010-11-21 15:18 - Jean-Philippe Lang

- Status changed from *Reopened* to *Closed*

Toshi MARUYAMA wrote:

I update the patch for SVN trunk referring JPL's implementation of [r4419\(#6860\)](#) which uses `io.read` and `'\A'` regular expression.

Fix for 1.8.6 committed in [r4422](#), thanks.

Files

fix_mercurial_localization_issue.diff	627 Bytes	2010-03-18	Alessio Caiazza
windows-lang-c.png	17 KB	2010-03-18	Toshi MARUYAMA
hg-lang-c.patch	1.22 KB	2010-03-18	Toshi MARUYAMA
fix_mercurial_localization_issue.diff	1002 Bytes	2010-03-19	Alessio Caiazza
hg-version-20100929.diff	5.01 KB	2010-09-29	Toshi MARUYAMA
hg-version-yuya-mq-c5a47a5f63.diff	5.11 KB	2010-09-30	Toshi MARUYAMA
hg-version-20101114.diff	5.43 KB	2010-11-14	Toshi MARUYAMA
hg-version-2010-11-15.patch	5.11 KB	2010-11-14	Yuya Nishihara

hg-version-minimal-2010-11-15.patch	2.24 KB	2010-11-14	Yuya Nishihara
hg-version-2010-11-20.patch	5.05 KB	2010-11-20	Toshi MARUYAMA
mercurial_adapter_each_line.patch	482 Bytes	2010-11-20	Yuya Nishihara
mercurial_adapter_1.8.6fix.patch	1.45 KB	2010-11-20	Yuya Nishihara
hg-version-2010-11-21.diff	2.5 KB	2010-11-21	Toshi MARUYAMA