

Redmine - Feature #4050

Ruby 1.9 support

2009-10-18 12:51 - Alexey Froloff

Status:	Closed	Start date:	2009-10-18
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Ruby support	Estimated time:	0.00 hour
Target version:	1.4.0		
Resolution:	Fixed		

Description

With attached patches redmine passes all tests with Rails 2.3.4 and Ruby 1.9.1. I'm trying to package redmine for ALT Linux distro, these patches are not distribution specific.

I have packaged and installed following modules (never tried to patch vendored versions):

ruby-coderay (<http://svn.rubychan.de/coderay>)

rails-plugin-engines (<http://github.com/lazyatom/engines>)

rails-plugin-rfpdf (<http://github.com/edwinmoss/rfpdf>)

Excerpt from redmine spec just for reference:

```
rm -rf vendor/plugins/coderay*/
rm -rf vendor/plugins/engines/
rm -rf vendor/plugins/rfpdf/
# these locales fail test_load(DefaultDataTest)
rm -f config/locales/hu.yml
rm -f config/locales/zh.yml
rm -f config/locales/zh-TW.yml
```

```
cat <<EOF >config/database.yml
```

```
production:
```

```
  adapter: sqlite3
```

```
  database: db/production.db
```

```
development:
```

```
  adapter: sqlite3
```

```
  database: db/development.db
```

```
test:
```

```
  adapter: sqlite3
```

```
  database: db/test.db
```

```
EOF
```

```
rake --trace config/initializers/session_store.rb
```

```
rake --trace db:migrate
```

```
rake --trace test:scm:setup:create_dir
```

```
rake --trace test:scm:setup:filesystem
```

```
rake --trace test:scm:setup:git
```

```
rake --trace test:scm:setup:subversion
```

```
rake --trace test:units
```

```
rake --trace test:functionals
```

```
rake --trace test:integration
```

Related issues:

Related to Redmine - Defect # 2664: Mercurial: Repository path encoding of no...	Closed	2009-02-04	
Related to Redmine - Defect # 6853: Ruby 1.9: translation missing: en, field_...	Closed	2010-11-08	
Related to Redmine - Feature # 8209: I18n YAML files not parsable with psych ...	Closed	2011-04-22	
Related to Redmine - Defect # 8847: I18n YAML files not parsable with psych y...	Closed	2011-07-19	
Related to Redmine - Defect # 9798: Release 1.3.0 does not detect rubytree un...	Closed		
Related to Redmine - Feature # 10046: Update installation doc on release	Closed		
Related to Redmine - Defect # 7096: CSV Issues Export + Ruby 1.9 + Thin + non...	Closed	2010-12-11	
Related to Redmine - Defect # 10575: Uploading of attachments which filename ...	Closed		
Related to Redmine - Defect # 10593: Error: 'incompatible character encodings...	Closed		
Duplicated by Redmine - Defect # 8600: Encoding::CompatibilityError in Welcom...	Closed	2011-06-14	
Duplicated by Redmine - Defect # 10051: Ruby 1.9.2 and mailer encoding	Closed		
Blocks Redmine - Defect # 6725: Acronyms don't work for Russian language	New	2010-10-22	
Blocked by Redmine - Patch # 4869: Redmine doesn't support ruby 1.9's radio b...	Closed	2010-02-18	
Blocks Redmine - Defect # 6551: Highlighting in search results is case sensit...	New	2010-10-01	
Blocked by Redmine - Defect # 4824: Unable to connect (can't convert Net::LDA...	Closed	2010-02-13	2010-02-17
Blocks Redmine - Defect # 9730: Redmine leaks memory over 1G, YAML	Closed		
Blocks Redmine - Defect # 10134: Case insensitive search is not working with ...	Confirmed		

Associated revisions**Revision 4359 - 2010-11-02 01:20 - Jean-Baptiste Barth**

Use File#expand_path for require's in script/* for Ruby 1.9.2 compatibility. #4050

Since Ruby 1.9.2, LOAD_PATH does not include "." directory anymore, so we should use absolute paths instead to ensure both 1.8.x and 1.9.x compatibility. It has been included in railties 2.3.x branch since July 2009, see <http://github.com/rails/rails/commit/7a427a83ca4da92c70760007aaf313638a5d8374>

Revision 4509 - 2010-12-13 00:24 - Jean-Baptiste Barth

Use absolute paths in test/**/* requires for Ruby 1.9.2 compatibility. #4050

Revision 4510 - 2010-12-13 00:24 - Jean-Baptiste Barth

Set encoding to utf-8 for ruby 1.9 compatibility. #4050

Revision 5000 - 2011-03-04 12:07 - Toshi MARUYAMA

scm: mercurial: add path encoding tests in functional test (#2664, #4050).

TODO: This test fails in Ruby 1.9 and Encoding.default_external is not UTF-8.

Revision 6461 - 2011-08-19 11:41 - Toshi MARUYAMA

Ruby 1.9: set Encoding.default_external = 'UTF-8' (#4050).

Without this setting, Redmine cannot boot on Japanese Windows

nor on non UTF-8 locale Linux (e.g. LANG=en_US.ISO-8859-1).

Revision 6462 - 2011-08-19 12:18 - Toshi MARUYAMA

Ruby 1.9: force use syck yaml library (#8847, #4050).

Revision 6647 - 2011-08-27 02:11 - Toshi MARUYAMA

Ruby 1.9: add rake task to check parsing yaml by psych library (#8847, #4050).

Original code is written by Etienne Massip.

Revision 6649 - 2011-08-27 02:18 - Toshi MARUYAMA

Ruby 1.9: fix typo of rake task name to check parsing yaml by psych library (#8847, #4050).

Revision 7927 - 2011-11-26 00:15 - Toshi MARUYAMA

Ruby 1.9: fix encoding error on wiki diffs (#4050)

WikiDiff#to_html returns a string with ASCII encoding if the WikiJournal content has been Zlib compressed because Zlib::Inflate.inflate returns strings with ASCII encoding. Forcing the encoding to be UTF8 fixes this bug.

Contributed by Moritz Breit.

Revision 7928 - 2011-11-26 02:39 - Toshi MARUYAMA

Ruby 1.9: fix TabularFormBuilder to show "translation missing: en, field_lock_version" (#6853, #4050)

Contributed by Moritz Breit.

Revision 8713 - 2012-01-28 05:57 - Toshi MARUYAMA

Ruby1.9: set Encoding.default_external on only Rails2 (#4050, #4796)

Revision 8714 - 2012-01-28 05:58 - Toshi MARUYAMA

Ruby1.9: enforce UTF-8 encodings on the params hash on Rails2 (#4050, #4796)

Without this change, non ASCII subject issue cannot be created on Ruby 1.9.

Revision 8716 - 2012-01-28 11:26 - Toshi MARUYAMA

Ruby1.9: skip enforcing UTF-8 encodings on the params hash on Rails2 if it is frozen (#4050, #4796)

Tests on CI server fail.

http://www.redmine.org/builds/build_trunk-1.9.2-sqlite3_257.html

1) Error:

test_index_with_short_filters(IssuesControllerTest):

RuntimeError: can't modify frozen string

```
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:58:in `force_encoding'  
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:58:in `utf8nize!'  
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `block in utf8nize!'  
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `each'  
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `utf8nize!'  
/var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:52:in `params_filter'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:178:in `evaluate_method'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:166:in `call'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:225:in `call'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:629:in `run_before_filters'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:615:in `call_filters'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:610:in `perform_action_with_filters'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/benchmarking.rb:68:in `block in perform_action_with_benchmark'  
/var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/core_ext/benchmark.rb:17:in `block in ms'
```

Revision 8833 - 2012-02-10 14:08 - Toshi MARUYAMA

Ruby1.9: move setting Encoding.default_external after boot (#4050, #4796)

"ruby test/functional/repositories_git_controller_test.rb" fails
on Japanese Windows and Mingw Ruby 1.9.3p0
because "Rails" is not defined.

History

#1 - 2009-10-18 12:52 - Alexey Froloff

- File 0011-Process-fixtures-as-binary.patch added

#2 - 2009-10-18 12:53 - Alexey Froloff

Forgot to mention. All patches made against yesterday's trunk.

#3 - 2010-07-19 22:37 - Holger Just

- Category set to Ruby support

#4 - 2010-08-25 14:33 - Etienne Massip

That would be great as ruby 1.9.2 is out now and is meant to be the first 1.9 release ready for production use.

This could improve greatly the speed and usability of Redmine.

#5 - 2010-08-25 14:41 - Alexey Froloff

```
$ git diff --stat tags/1.0.0..master -- app/ config/ lib/ test/ vendor/ | tail -4
-60 files changed, 264 insertions(+), 220 deletions(-)
```

Works perfect with 1.9.1p376. Since there's no reaction on my patches, I don't see any reason for me to submit anything again.

#6 - 2010-08-25 16:02 - Jean-Baptiste Barth

Alexey, please don't take it that way, be sure that such contributions are **very** appreciated.

There were no reaction to your patch for various reasons. Mainly because we are very few contributors around to review thousands of pending issues. Plus, if I remember correctly, 1.9.1 has always been said to be not really ready for production (I remember articles about weird cases, segfaults, etc.).

But now with 1.9.2 released, the situation is very different. I'd personally like 1.1 to be fully compatible with ruby 1.9, and maybe we'll begin to support more recent rails versions.

I'll have a look at your patches and integrate them one by one as soon as I come back from my holidays in september. Thank you again.

#7 - 2010-08-25 16:43 - Alexey Froloff

This issue is already obsolete. In <http://git.altlinux.org/people/raorn/packages/?p=redmine.git> I have working redmine 1.0.0 (upstream sources were imported with git-svn) with bunch of fixes related to 1.9.1 incompatibilities, encoding issues, rails 2.3.8 anti-XSS false-positive escapes as well as several really nasty bugs.

I am packaging redmine for ALT Linux distro, we have ruby 1.9.1 as the only ruby version in repository. I am doing this just for fun, although there are several users who runs this version in their "production".

I can comment on any my commit, but submitting issues without any feedback in months don't worth the effort. Nothing personal.

#8 - 2010-08-25 16:53 - Etienne Massip

This issue can't be obsolete, you just brought a considerable help to Redmine's development for which we, users, are very thankful.

BTW, it looks like someone else did the same to get early Rails 3 support (issue #4796) : <http://github.com/jeremy/redmine>

#9 - 2010-08-25 21:01 - Jean-Baptiste Barth

Alexey Froloff wrote:

This issue is already obsolete. In <http://git.altlinux.org/people/raorn/packages/?p=redmine.git> I have working redmine 1.0.0 (upstream sources were imported with git-svn) with bunch of fixes related to 1.9.1 incompatibilities, encoding issues, rails 2.3.8 anti-XSS false-positive escapes as well as several really nasty bugs.

OK thanks, I mirrored this repo on my laptop so that I can hack a bit on it.

#10 - 2010-09-12 02:54 - David Morton

I'm very interested in this too, as I just spent a week or two getting an application ready for rails 3, and then I discovered that passenger needs to run the same ruby version for all apps on the server - and so to run redmine on the testing server along with the application, I need both to run in 1.9.2. :(

Alexsey: you said 1.0.0, how is it tracking with 1.0.1 ?

#11 - 2011-03-04 06:24 - Toshi MARUYAMA

- File *Ruby-1.9-Encoding.default_external.diff* added

After Redmine updated Rails 2.3.11, I can't run on my Japanese Windows nor Linux Latin-1 locale on Ruby 1.9.

```
$ ruby --version
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-linux]
```

```
$ locale
LANG=en_US.ISO-8859-1
LC_CTYPE="en_US.ISO-8859-1"
LC_NUMERIC="en_US.ISO-8859-1"
LC_TIME="en_US.ISO-8859-1"
LC_COLLATE="en_US.ISO-8859-1"
LC_MONETARY="en_US.ISO-8859-1"
LC_MESSAGES="en_US.ISO-8859-1"
LC_PAPER="en_US.ISO-8859-1"
LC_NAME="en_US.ISO-8859-1"
LC_ADDRESS="en_US.ISO-8859-1"
LC_TELEPHONE="en_US.ISO-8859-1"
LC_MEASUREMENT="en_US.ISO-8859-1"
LC_IDENTIFICATION="en_US.ISO-8859-1"
LC_ALL=
```

ActionView::TemplateError (incompatible character encodings: UTF-8 and ISO-8859-1) on line #62 of app/views/layouts/base.rhtml:

```
59:
60: <div id="content">
61:     <%= render_flash_messages %>
62:     <%= yield %>
63:     <%= call_hook :view_layouts_base_content %>
64:     <div style="clear:both;"></div>
65: </div>
```

```
app/views/layouts/base.rhtml:62:in `concat'
app/views/layouts/base.rhtml:62:in `_run_rhtml_app47views47layouts47base46rhtml'
<internal:prelude>:10:in `synchronize'
/home/xxxxx/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/webrick/httpserver.rb:111:in `service'
/home/xxxxx/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/webrick/httpserver.rb:70:in `run'
/home/xxxxx/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/webrick/server.rb:183:in `block in start_thread'
```

Rendered `rescues/_trace` (228.3ms)

Rendered `rescues/_request_and_response` (2.0ms)

Rendering `rescues/layout` (internal_server_error)

I apply this patch, then I can run Redmine.

#12 - 2011-04-22 14:33 - Etienne Massip

- *Target version set to Candidate for next major release*

#13 - 2011-04-28 13:59 - Toshi MARUYAMA

- *File application_controller.diff added*

This is additional patch.

Without this patch, I can not input non ASCII characters.

#14 - 2011-06-14 04:41 - Toshi MARUYAMA

- *Tracker changed from Patch to Feature*

#15 - 2011-08-24 23:51 - Toshi MARUYAMA

FYI:

- <https://www.chiliproject.org/issues/591>

#16 - 2011-10-30 12:46 - Toshi MARUYAMA

- *File application_controller_chili_21a45b4e.diff added*

This is an updating note-13 patch from <https://www.chiliproject.org/issues/676>

#17 - 2011-12-10 21:19 - Etienne Massip

- *Target version changed from Candidate for next major release to 1.4.0*

#18 - 2012-01-28 12:15 - Jean-Philippe Lang

r8714 breaks tests with ruby 1.9. I'd really like that this fix comes with a test so that we can safely remove it in the future.

#19 - 2012-02-01 16:22 - Toshi MARUYAMA

Japanese attachment filename is broken on Japanese Windows Ruby 1.9

<https://www.chiliproject.org/issues/856>

#20 - 2012-03-11 09:56 - Jean-Philippe Lang

- *Status changed from New to Closed*

- *Resolution set to Fixed*

I'm closing it as the test suite passes with both 1.9.2 and 1.9.3 (1.9.1 is not supported by Rails):

<http://www.redmine.org/builds/index.html>

Separate issues should be open if incompatibilities are found.

Please, add to related issue #10593

Files

0006-Fix-weird-characters.patch	1.32 KB	2009-10-18	Alexey Froloff
0007-Missing-users_groups-fixture.patch	1.13 KB	2009-10-18	Alexey Froloff
0008-Quotes-should-not-be-escaped.patch	1.21 KB	2009-10-18	Alexey Froloff
0009-Use-pt_BR-instead-of-buggy-zh_TW-locale.patch	2.04 KB	2009-10-18	Alexey Froloff
0001-New-CSV-API.patch	2.11 KB	2009-10-18	Alexey Froloff
0002-Round-up-Rational-value.patch	1.29 KB	2009-10-18	Alexey Froloff
0003-Object-methods-returns-Array-of-Symbols.patch	1.53 KB	2009-10-18	Alexey Froloff
0004-Fix-Regexp.patch	904 Bytes	2009-10-18	Alexey Froloff
0010-20000-days-is-less-than-55-years.patch	1.46 KB	2009-10-18	Alexey Froloff
0005-Do-not-require-non-existant-modules.patch	936 Bytes	2009-10-18	Alexey Froloff
0011-Process-fixtures-as-binary.patch	1.14 KB	2009-10-18	Alexey Froloff
Ruby-1.9-Encoding.default_external.diff	595 Bytes	2011-03-04	Toshi MARUYAMA
application_controller.diff	1.11 KB	2011-04-28	Toshi MARUYAMA
application_controller_chili_21a45b4e.diff	1.08 KB	2011-10-30	Toshi MARUYAMA