

Redmine - Defect #7245

Wiki fails to find pages with cyrillic characters using postgresql

2011-01-07 12:15 - Artem Malahov

| | | | |
|---|--------|--------------------------|------------|
| Status: | Closed | Start date: | 2011-01-07 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | i18n | Estimated time: | 0.00 hour |
| Target version: | 1.1.1 | Affected version: | 1.1.0 |
| Resolution: | Fixed | | |
| Description | | | |
| hello | | | |
| I have updated my redmine from version 1.0.3 to version 1.0.5 (revision 4651) as write on Guide, but my wiki pages was deleted... | | | |
| I looked postgres database, and found all my pages in it. | | | |
| They also appear on the page table of contents. | | | |
| But they dont work :(. | | | |
| I traced that not displays (and doesn't create) only pages containing: uppercase symbols special chars (",' etc) | | | |
| Now i rename all my pages to new right, but what to do in the future? or how can I solve the problem? | | | |
| I write to forum . | | | |
| My versions: | | | |
| <pre>first ~ # ruby -v ruby 1.8.7 (2010-08-16 patchlevel 302) [x86_64-linux] first ~ # rails -v Rails 2.3.5 first ~ # postgres --version postgres (PostgreSQL) 8.4.4 first redmine.iso.vc # svn update At revision 4651 rack 1.0.1 redmine 1.0.5 r4651</pre> | | | |

Associated revisions

Revision 4680 - 2011-01-10 19:32 - Jean-Philippe Lang

Fixed: wiki pages with cyrillic characters not found with postgresql (#7245).

History

#1 - 2011-01-08 13:19 - Jean-Philippe Lang

There is no database migration and no change in wiki controller/model in 1.0-stable, so I don't have a clue.

#2 - 2011-01-08 17:22 - Artem Malahov

Jean-Philippe Lang wrote:

There is no database migration and no change in wiki controller/model in 1.0-stable, so I don't have a clue.

May be problem in new version of i18n?

```
gem install i18n -v=0.4.2
```

#3 - 2011-01-09 11:54 - Jean-Philippe Lang

I don't think so.

#4 - 2011-01-10 09:52 - Artem Malahov

Jean-Philippe Lang wrote:

There is no database migration and no change in wiki controller/model in 1.0-stable, so I don't have a clue.

hello!

today i retest my redmine. I copy my backup and try to update it. That i see:

```
first /vhosts # cp -R redmine.iso.vc.bak redmine.iso.vc.bak.test
first /vhosts # cd redmine.iso.vc.bak.test
first redmine.iso.vc.bak.test # svn update > upd.txt
first redmine.iso.vc.bak.test # cat upd.txt | grep wiki
U   test/unit/wiki_test.rb
U   test/unit/lib/redmine/wiki_formatting/textile_formatter_test.rb
U   test/unit/lib/redmine/wiki_formatting/macros_test.rb
U   test/unit/lib/redmine/wiki_formatting.rb
U   test/unit/wiki_redirect_test.rb
U   test/unit/wiki_content_test.rb
U   test/unit/wiki_page_test.rb
U   test/functional/wikis_controller_test.rb
U   test/functional/wiki_controller_test.rb
U   app/models/wiki.rb
U   app/controllers/wiki_controller.rb
U   app/views/wiki/history.rhtml
U   app/views/wiki/diff.rhtml
```

I don't spec in svn/ruby, but i see that wiki is updated...

#5 - 2011-01-10 09:58 - Artem Malahov

And that i'am find in repository:

http://www.redmine.org/projects/redmine/repository/diff/trunk/app/models/wiki.rb?rev=4430&rev_to=3632

I think than this changes are bad.

May be problem in russian locale?

My lates version (1.0.3) revision is:

```
first redmine.iso.vc.bak.test # svn info
Path: .
URL: http://redmine.rubyforge.org/svn/trunk
Repository Root: http://redmine.rubyforge.org/svn
Repository UUID: e93f8b46-1217-0410-a6f0-8f06a7374b81
Revision: 4388
Node Kind: directory
Schedule: normal
Last Changed Author: jplang
Last Changed Rev: 4388
Last Changed Date: 2010-11-08 01:38:10 +0300 (Пнд, 08 Ноя 2010)
```

#6 - 2011-01-10 10:24 - Peng Wang

Yes, it took place on my installation too (from 1.0.2 to 1.1.0), editing wiki pages will result in failure

```
I18n::MissingInterpolationArgument (missing interpolation argument in "%{page}' wiki\000\346\226\260" ({:id=>
"Contacts"} given)):
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/gems/1.8/gems/i18n-0.4.2/lib/i18n/backend/base.rb:174:in
n `interpolate_without_deprecated_syntax'
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/gems/1.8/gems/i18n-0.4.2/lib/i18n/backend/base.rb:46:in
`translate'
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/gems/1.8/gems/i18n-0.4.2/lib/i18n.rb:160:in `t'
  lib/redmine/i18n.rb:13:in `l'
  app/models/mailer.rb:198:in `wiki_content_updated'
  app/models/wiki_content_observer.rb:25:in `after_update'
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/1.8/observer.rb:185:in `notify_observers'
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/1.8/observer.rb:184:in `each'
  C:/Program Files/BitNami Redmine Stack/ruby/lib/ruby/1.8/observer.rb:184:in `notify_observers'
```

```
app/controllers/wiki_controller.rb:123:in `update'
```

#7 - 2011-01-10 10:52 - Artem Malahov

After several attempts, I found an error:
problem in method .downcase - they don't work with russian locale...

I am now looking for a solution...

#8 - 2011-01-10 11:13 - Artem Malahov

Artem Malahov wrote:

After several attempts, I found an error:
problem in method .downcase - they don't work with russian locale...

I am now looking for a solution...

For me solution is:

1. install gem unicode

```
first models # gem install unicode
```

2. replace code in /app/models/wiki.rb from

```
# find the page with the given title
def find_page(title, options = {})
  title = start_page if title.blank?
  title = Wiki.titleize(title).downcase
  page = pages.first(:conditions => ["LOWER(title) LIKE ?", title])
  if !page && !(options[:with_redirect] == false)
    # search for a redirect
    redirect = redirects.first(:conditions => ["LOWER(title) LIKE ?", title])
    page = find_page(redirect.redirects_to, :with_redirect => false) if redirect
  end
  page
end
```

to

```
# find the page with the given title
def find_page(title, options = {})
  require 'unicode'
  title = start_page if title.blank?
  #title = Wiki.titleize(title).downcase
  title = Unicode::downcase(Wiki.titleize(title))
  page = pages.first(:conditions => ["LOWER(title) LIKE ?", title])
  if !page && !(options[:with_redirect] == false)
    # search for a redirect
    redirect = redirects.first(:conditions => ["LOWER(title) LIKE ?", title])
    page = find_page(redirect.redirects_to, :with_redirect => false) if redirect
  end
  page
end
```

#9 - 2011-01-10 18:56 - Jean-Philippe Lang

- Target version set to 1.1.1

Another option would be to let the database to the job:

```
page = pages.first(:conditions => ["LOWER(title) LIKE LOWER(?)", title])
```

Tested OK with postgresql and cyrillic.

#10 - 2011-01-10 19:24 - Jean-Philippe Lang

- Affected version (unused) changed from 1.0.5 to 1.1.0

- Affected version changed from 1.0.5 to 1.1.0

Changing affected version since 1.0.5 **stable** is not affected.

#11 - 2011-01-10 19:30 - Jean-Philippe Lang

- Status changed from New to Resolved

Fix committed in [r4680](#) in trunk. Please, can you confirm the fix?

#12 - 2011-01-11 06:27 - Artem Malahov

Jean-Philippe Lang wrote:

Fix committed in [r4680](#) in trunk. Please, can you confirm the fix?

yes. i update my revision and got a changes! Thank you!

#13 - 2011-01-16 15:45 - Jean-Philippe Lang

- Subject changed from After update (1.0.5) wiki fail to Wiki fails to find pages with cyrillic characters using postgresql

- Status changed from Resolved to Closed

- Resolution set to Fixed

Merged in 1.1-stable in [r4728](#).

Thanks for the feedback.

#14 - 2011-04-15 18:25 - Etienne Massip

- Category set to I18n

Files

| | | | |
|-------|---------|------------|---------------|
| 1.jpg | 60.9 KB | 2011-01-07 | Artem Malahov |
| 2.jpg | 39.7 KB | 2011-01-07 | Artem Malahov |
| 3.jpg | 37.2 KB | 2011-01-07 | Artem Malahov |
| 4.jpg | 18.9 KB | 2011-01-07 | Artem Malahov |