

Redmine - Defect #10593

Error: 'incompatible character encodings: UTF-8 and ASCII-8BIT' (old annoying issue) on ruby-1.9.3

2012-04-03 13:58 - Alexander Oryol

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee: Jean-Philippe Lang	% Done: 0%
Category: Issues	Estimated time: 0.00 hour
Target version: 1.4.0	Affected version:
Resolution: Fixed	

Description

My instance Redmine was gradually upgraded from 0.7 and older.
When I upgrade to ruby-1.9.3, some projects issues list crashes with 'incompatible character encodings: UTF-8 and ASCII-8BIT'.

The trouble be found in CustomField: Browser (type: list)
In DB possible_values was serialized as:

```
- !binary |
  0J3QtSDQvtC/0YDQtdC00LXQu9C10L0=
```

and deserialized into string with #<Encoding:ASCII-8BIT>.

Solution:

```
$> script/console production
c = CustomField.find(5)
c.possible_values.each {|i| i.force_encoding('UTF-8')}
c.save
```

Now, value serialized as:

```
- "\xD0\x9D\xD0\xB5 \xD0\xBE\xD0\xBF\xD1\x80\xD0\xB5\xD0\xB4\xD0\xB5\xD0\xBB\xD0\xB5\xD0\xBD"
```

and work fine!

Related issues:

Related to Redmine - Feature # 4050: Ruby 1.9 support	Closed	2009-10-18
---	--------	------------

Associated revisions

Revision 9330 - 2012-04-06 09:39 - Jean-Philippe Lang

Force encoding of custom field possible values (#10593).

History

#1 - 2012-04-03 15:21 - Etienne Massip

- Status changed from Resolved to New

- Target version set to 1.4.0

- Affected version (unused) set to devel

Potential release blocker.

#2 - 2012-04-04 08:54 - Alexander Oryol

This error happen on ruby-1.8.7 too, when I try to edit affected custom field. CustomFieldsController#edit

Which version (Redmine|Ruby) serialize UTF-8 to YAML as binary?

My instance lived initially on ruby-1.8.6

#3 - 2012-04-06 09:40 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Resolution set to Fixed

I was able to reproduce and fixed it in r9330.

#4 - 2012-12-20 22:27 - Rodrigo Macedo

Hello,

ActionView::Template::Error (incompatible character encodings: UTF-8 and ASCII-8BIT):

```
15: </tr></thead>
16: <% enumerations.each do |enumeration| >
17: <tr class="<%= cycle('odd', 'even') %>">
18: <td><%= link_to h(enumeration), edit_enumeration_path(enumeration) %></td>
19: <td class="center" style="width:15;"><%= checked_image enumeration.is_default? ></td>
20: <td class="center" style="width:15;"><%= checked_image enumeration.active? ></td>
21: <td style="width:15;"><%= reorder_links('enumeration', {:action => 'update', :id => enumeration}, :put) %></td>
app/views/enumerations/index.html.erb:18:in `block (2 levels) in app_views_enumerations_index_html_erb_76608041_28216668'
app/views/enumerations/index.html.erb:16:in `block in app_views_enumerations_index_html_erb_76608041_28216668'
app/views/enumerations/index.html.erb:3:in `each'
app/views/enumerations/index.html.erb:3:in `_app_views_enumerations_index_html_erb__76608041_28216668'
app/controllers/enumerations_controller.rb:30:in `index'
```

I'm using Português(Brasil)

This error occurs only using Português(Brasil) when I using English this not occurs.

#5 - 2012-12-21 14:51 - Rodrigo Macedo

Hi,

I solved this problem when I changed the driver of mysql.

The driver is here <http://dev.mysql.com/get/Downloads/Connector-C/mysql-connector-c-noinstall-6.0.2-win32.zip/from/pick>.

#6 - 2012-12-21 14:52 - Rodrigo Macedo

I'm using adapter mysql2.

#7 - 2013-01-13 19:26 - KK Kon

I made migration task

https://github.com/kkkon/redmine_migration_serialize

ruby 1.9.3 change YAML engine default.

Column data that serialized lower ruby 1.9.2 not displayable on ruby 1.9.3

this happen at changed the version of ruby to 1.9.3 from older.