

## Redmine - Defect #19316

### CustomField#possible\_values may raise undefined method `force\_encoding' error

2015-03-09 23:44 - Dmitry Repkin

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Custom fields	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0.1	<b>Affected version:</b>	3.0.0
<b>Resolution:</b>	Fixed		

#### Description

After upgrading to 3.0 Redmine stops working.

Here are the lines from log file:

```
Started GET "/issues/2598" for 127.0.0.1 at 2015-03-10 01:11:24 +0300
Processing by IssuesController#show as HTML
Parameters: {"id"=>"2598"}
Current user: rd (id=1)
Completed 500 Internal Server Error in 40ms
```

```
NoMethodError (undefined method `force_encoding' for 1.0:Float):
app/models/custom_field.rb:121:in `block in possible_values'
app/models/custom_field.rb:120:in `each'
app/models/custom_field.rb:120:in `possible_values'
lib/redmine/field_format.rb:528:in `possible_values_options'
lib/redmine/field_format.rb:463:in `query_filter_options'
app/models/query.rb:791:in `add_custom_field_filter'
app/models/query.rb:813:in `block in add_custom_fields_filters'
app/models/query.rb:812:in `add_custom_fields_filters'
app/models/issue_query.rb:237:in `initialize_available_filters'
app/models/query.rb:353:in `available_filters'
app/models/query.rb:395:in `type_for'
app/models/query.rb:259:in `block in validate_query_filters'
app/models/query.rb:257:in `each_key'
app/models/query.rb:257:in `validate_query_filters'
app/models/query.rb:594:in `statement'
app/models/issue_query.rb:362:in `issue_ids'
app/controllers/issues_controller.rb:353:in `retrieve_previous_and_next_issue_ids'
app/controllers/issues_controller.rb:117:in `block (2 levels) in show'
app/controllers/issues_controller.rb:115:in `show'
```

As you could see the '1.0' string incorrectly treated as 'Float' and could not be converted.

I found the r13482 introduce this problem:

```
--- custom_field.rb (revision 13481)
+++ custom_field.rb (revision 13482)
@@ -117,7 +118,7 @@
  values = read_attribute(:possible_values)
  if values.is_a?(Array)
    values.each do |value|
```

```
- value.force_encoding('UTF-8') if value.respond_to?(:force_encoding)
+ value.force_encoding('UTF-8')
  end
  values
else
```

Reverting the line to previous code resolves the issue.

## Associated revisions

### Revision 14079 - 2015-03-14 09:25 - Jean-Philippe Lang

CustomField#possible\_values may raise undefined method `force\_encoding' error (#19316).

### Revision 14094 - 2015-03-14 16:03 - Jean-Philippe Lang

Merged r14079 (#19316).

## History

### #1 - 2015-03-10 04:58 - Toshi MARUYAMA

- Target version set to 3.0.1

### #2 - 2015-03-10 05:00 - Toshi MARUYAMA

- Description updated

### #3 - 2015-03-10 19:07 - Jean-Philippe Lang

- Status changed from New to Needs feedback

How did you get a float value in possible values? If #possible\_values returns non string values, it won't work with regular list custom fields. So the proper fix should rather be:

Index: app/models/custom\_field.rb

=====

--- app/models/custom\_field.rb (revision 14067)

+++ app/models/custom\_field.rb (working copy)

@@ -118,7 +118,7 @@

```
  values = read_attribute(:possible_values)
  if values.is_a?(Array)
    values.each do |value|
-     value.force_encoding('UTF-8')
+     value.to_s.force_encoding('UTF-8')
    end
    values
else
```

### #4 - 2015-03-10 20:26 - Dmitry Repkin

Jean-Philippe Lang wrote:

| How did you get a float value in possible values? If #possible\_values returns non string values, it won't work with regular list custom fields.

So it stops working in 3.0; even 'Issues' list stops to show. It seems it is a 'Affected versions' custom field, which contains '1.0' element in list.

I've checked 'to\_s' patch, all works fine.

**#5 - 2015-03-14 09:25 - Jean-Philippe Lang**

- Subject changed from Problem with 'force\_encoding' to CustomField#possible\_values may raise undefined method `force\_encoding' error
- Status changed from Needs feedback to Resolved
- Assignee set to Jean-Philippe Lang
- Resolution set to Fixed

This should be fixed in r14079, thanks for the feedback.

**#6 - 2015-03-14 16:03 - Jean-Philippe Lang**

- Status changed from Resolved to Closed