

Redmine - Defect #36396

Custom I18n Pluralization rules are not applied correctly

2022-01-07 12:05 - Felix Schäfer

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	I18n	Estimated time:	0.00 hour
Target version:	5.0.0	Affected version:	4.2.3
Resolution:	Fixed		
Description			
Currently custom pluralization rules are not loaded. This is due to the required <code>::I18n::Backend::Pluralization</code> module not being loaded in the correct class.			
Related issues:			
Related to Redmine - Defect #21856: I18n backend does not support original i1...		Closed	
Related to Redmine - Defect #36461: I18nTest#test_custom_pluralization_rules ...		Closed	

Associated revisions

Revision 21365 - 2022-01-15 04:18 - Go MAEDA

Custom I18n Pluralization rules are not applied correctly (#36396).

Contributed by Felix Schäfer.

Revision 21382 - 2022-01-22 10:16 - Go MAEDA

Fix that I18nTest#test_custom_pluralization_rules randomly fails (#36396, #36461).

Patch by Yuichi HARADA.

History

#1 - 2022-01-07 12:08 - Felix Schäfer

- File 36396-apply_custom_pluralization_rules.patch added

The attached Patch changes the inclusion of `::I18n::Backend::Pluralization` to the correct class.

#2 - 2022-01-10 06:10 - Go MAEDA

- Related to Defect #21856: I18n backend does not support original i18n Pluralization added

#3 - 2022-01-10 07:53 - Go MAEDA

Felix, do you think the following code I wrote properly tests the issue?

```
diff --git a/test/unit/lib/redmine/i18n_test.rb b/test/unit/lib/redmine/i18n_test.rb
index 4856c5190..8d076a385 100644
--- a/test/unit/lib/redmine/i18n_test.rb
+++ b/test/unit/lib/redmine/i18n_test.rb
@@ -255,4 +255,13 @@ class Redmine::I18nTest < ActiveSupport::TestCase
   set_language_if_valid 'fr'
   assert_equal 'French (Français)', l(:general_lang_name)
 end
+
+ def test_custom_pluralization_rules
+   I18n.backend.store_translations :en, i18n: {plural: {rule: ->(n) {[0, 1].include?(n) ? :one : :other }}}
+   I18n.backend.store_translations :en, apples: {one: 'one or none', other: 'more than one'}
+   assert_equal 'one or none', ll(:en, :apples, count: 0)
+   assert_equal 'more than one', ll(:en, :apples, count: 2)
+ ensure
+   I18n.reload!
+ end
end
```

#4 - 2022-01-10 09:30 - Go MAEDA

- Category changed from *Translations* to *I18n*

#5 - 2022-01-10 10:32 - Felix Schäfer

Go MAEDA wrote:

Felix, do you think the following code I wrote properly tests the issue?

Thank you very much for the suggestion. The proposed test should catch a misconfiguration of the ``::I18n::Backend::Pluralization`` backend in ``::Redmine::I18n``.

#6 - 2022-01-10 10:56 - Go MAEDA

- Target version set to *4.1.6*

Setting the target version to 4.1.6.

#7 - 2022-01-15 04:18 - Go MAEDA

- Status changed from *New* to *Resolved*

- Assignee set to *Go MAEDA*

- Resolution set to *Fixed*

Committed the fix. Thank you.

#8 - 2022-01-21 02:59 - Go MAEDA

- Related to Defect #36461: *I18nTest#test_custom_pluralization_rules randomly fails* added

#9 - 2022-01-22 10:17 - Go MAEDA

- Status changed from *Resolved* to *Closed*

- Target version changed from *4.1.6* to *5.0.0*

Files

36396-apply_custom_pluralization_rules.patch	821 Bytes	2022-01-07	Felix Schäfer
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