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			
Resolution:	Fixed		**Affected version:**	4.2.3

Description
Currently [custom pluralization rules](#) are not loaded. This is due to the required [::I18n::Backend::Pluralization](#) 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