Custom I18n Pluralization rules are not applied correctly

Status: Closed
Priority: Normal
Assignee: Go MAEDA
Category: I18n
Target version: 5.0.0
Resolution: Fixed

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 i... - 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

2022-03-27
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)
  ensure
  I18n.reload!
  end

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`.

Setting the target version to 4.1.6.

Committed the fix. Thank you.

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

Status changed from Resolved to Closed
- Target version changed from 4.1.6 to 5.0.0