

Redmine - Defect #42580

Array#to_sentence produces incorrect output due to missing translation keys

2025-04-14 16:28 - Katsuya HIDAKA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Translations	Estimated time:	0.00 hour
Target version:	6.1.0	Affected version:	
Resolution:	Fixed		
<div>Description</div> <p>Currently, most locales define translations for Array#to_sentence using <code>sentence_connector</code> and <code>skip_last_comma</code>. However, these keys were replaced in Rails 2.3 (Release note) by <code>last_word_connector</code>, <code>two_words_connector</code>, and <code>words_connector</code>.</p> <p>This patch updates the old keys to the new ones so that <code>Array#to_sentence</code> works as expected. The changes follow these rules:</p> <ul style="list-style-type: none">• Values for the new keys are taken from the rails-i18n gem's locale settings .• Locales that already define the new keys are left unchanged.• zh (zh-CN) is aligned with the zh-TW settings. <p>Redmine currently does not use <code>Array#to_sentence</code>, so this patch should not affect any functionality or UI. However, some third-party plugins might use it.</p> <p>I confirmed that all tests, including system tests, pass after applying this patch. Here's how <code>Array#to_sentence</code> behaves with the updated translations:</p> <pre>\$ bin/rails console redmine-app(dev)> array = ['Redmine', 'Ruby', 'Rails', ' ', ' '] => ["Redmine", "Ruby", "Rails", " ", " "] redmine-app(dev)> array.to_sentence(locale: :en) => "Redmine, Ruby, Rails, , and " redmine-app(dev)> array.to_sentence(locale: :ja) => "Redmine Ruby Rails " redmine-app(dev)> array.to_sentence(locale: :zh) => "Redmine, Ruby, Rails, , "</pre>			

Associated revisions

Revision 23659 - 2025-04-16 02:15 - Go MAEDA

Updates translations for `Array#to_sentence` (#42580).

Patch by Katsuya HIDAKA (user:hidakatsuya).

History

#1 - 2025-04-15 02:57 - Go MAEDA

- Tracker changed from Patch to Defect
- Subject changed from Updates translations for `Array#to_sentence` to `Array#to_sentence` produces incorrect output due to missing translation keys
- Status changed from New to Confirmed
- Target version set to 6.1.0

#2 - 2025-04-15 03:16 - Go MAEDA

Currently, `Array#to_sentence` produces incorrect output as follows. The patch fixes this behavior.

Current behavior:

```
redmine-app(dev)> %w(a b c).to_sentence(locale: :ja)
=> "a, b, and c"
redmine-app(dev)> %w(a b c).to_sentence(locale: :zh)
=> "a, b, and c"
```

```
redmine-app(dev)> %w(a b c).to_sentence(locale: :en)
=> "a, b, and c"
```

Expected behavior:

```
redmine-app(dev)> %w(a b c).to_sentence(locale: :ja)
=> "a b c"
redmine-app(dev)> %w(a b c).to_sentence(locale: :zh)
=> "a, b, c"
redmine-app(dev)> %w(a b c).to_sentence(locale: :en)
=> "a, b, and c"
```

#3 - 2025-04-16 02:16 - Go MAEDA

- Status changed from Confirmed to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix in [r23659](#). Thank you.

Files

0001-Updates-translations-for-Array-to_sentence.patch	23.4 KB	2025-04-14	Katsuya HIDAKA
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