Redmine - Defect #35892
Redmine::WikiFormatting::CommonMark::FormatterTest#test_footnotes fails with CommonMarker
0.23.2
2021-09-20 09:38 - Go MAEDA

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
<th>Start date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Marius BALTEANU</td>
<td>% Done: 0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Gems support</td>
<td>Estimated time: 0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>Candidate for next minor release</td>
<td>Affected version:</td>
</tr>
</tbody>
</table>

**Description**

0.23.2:

```
$ bin/rails test test/unit/lib/redmine/wiki_formatting/common_mark/formatter_test.rb:143
Run options: --seed 26353

# Running:

F

Failure:
Redmine::WikiFormatting::CommonMark::FormatterTest#test_footnotes
[/Users/maeda/redmines/redmine-trunk/test/unit/lib/redmine/wiki_formatting/common_mark/formatter_test.rb:159]:
--- expected
+++ actual
@@ -1 +1 @@
-"<p>This is some text<sup><a href="#fn1" id="fnref1">1</a></sup>.</p> <ol><li id="fn1"><p>This is the foot note <a href="#fnref1">↩</a></p></li></ol>

+"<p>This is some text<sup><a href="#fn-1">1</a></sup>.</p> <ol><li><p>This is the foot note <a href="#fnref-1" aria-label="Back to content">↩</a></p></li></ol>

rails test/unit/lib/redmine/wiki_formatting/common_mark/formatter_test.rb:143
```

Finished in 0.057364s, 17.4325 runs/s, 17.4325 assertions/s.
1 runs, 1 assertions, 1 failures, 0 errors, 0 skips

0.23.1:

```
$ bin/rails test test/unit/lib/redmine/wiki_formatting/common_mark/formatter_test.rb:143
Run options: --seed 18906

# Running:

.

Finished in 0.035158s, 28.4430 runs/s, 28.4430 assertions/s.
1 runs, 1 assertions, 0 failures, 0 errors, 0 skips
```
Stick commonmarker gem to 0.23.1 when Ruby version >= 2.6 (#35892, #32424).

This seems to be related to https://github.com/gjtorikian/commonmarker/pull/148 which updated cmark-gfm to 0.29.0.gfm.2. There, they did in fact changed the footnote handling.

- The format change of the footnote IDs was committed in https://github.com/github/cmark-gfm/pull/230
- The missing id for the back references however looks strange... Maybe we have to do something different here?

How about to change the test code side by regexp match as a workaround?
Attached patch supports both CommonMarker "== 0.23.2" and "<= 0.23.1" tests.

I have locked commonmarker to 0.23.1 until we find a better way to handle the footnotes because the new format doesn't affect only the tests, it affects also the logic from sanitization_filter (source:trunk/lib/redmine/wiki_formatting/common_mark/sanitization_filter.rb#L70) and we need to support both ways depending on the Ruby version.

Okay, thanks for the fix!

Files
fix_common-mark-test.patch 1.55 KB 2021-09-25 Ko Nagase