

## Redmine - Defect #31695

### Convert HTML links to Textile/Markdown links when creating an issue from an email

2019-07-08 10:25 - Yuichi HARADA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Email receiving	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
When creating an issue from HTML format email, the href attribute of the A tag disappears, and only the string is acquired.			
<b>[Input]</b>			
<pre>foo&lt;a href="http://example.com/"&gt;bar&lt;/a&gt;baz</pre>			
<b>[Expected]</b>			
<pre>foo "bar":http://example.com/ baz</pre>			
<b>[Actual]</b>			
<pre>foobarbaz</pre>			

#### Associated revisions

##### Revision 18361 - 2019-08-11 07:01 - Go MAEDA

Convert HTML links to Textile/Markdown links when creating an issue from an email (#31695).

Patch by Yuichi HARADA.

##### Revision 18988 - 2019-11-09 07:06 - Go MAEDA

Fix that receiving HTML email fails if it contains a link without an href attribute (#31695).

Patch by Marius BALTEANU.

#### History

##### #1 - 2019-07-08 10:35 - Yuichi HARADA

- File *fixed-31695.patch* added

I attached a patch for Textile and Markdown.

##### #2 - 2019-07-31 10:21 - Go MAEDA

- Target version set to Candidate for next major release

##### #3 - 2019-08-05 08:54 - Go MAEDA

- Target version changed from Candidate for next major release to 4.1.0

Setting the target version to 4.1.0.

##### #4 - 2019-08-11 07:02 - Go MAEDA

- Subject changed from *Convert the A tag to Textile / Markdown when creating an issues from HTML email* to *Convert HTML links to Textile/Markdown links when creating an issue from an email*

- Status changed from *New* to *Closed*

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch. Thank you for improving Redmine.

#### #5 - 2019-11-04 21:11 - Marius BĂLTEANU

- File *tests\_for\_a\_elements\_without\_href.patch* added

- File *fix\_for\_links\_without\_href.patch* added

- Status changed from Closed to Reopened

The current implementation fails with the following error if the link doesn't contain the href attribute.

```
Error:
Redmine::WikiFormatting::MarkdownHtmlParserTest#test_should_not_convert_a_tag_without_href:
NoMethodError: undefined method `value' for nil:NilClass
  lib/redmine/wiki_formatting/markdown/html_parser.rb:40:in `block in <class:HtmlParser>'
  lib/redmine/wiki_formatting/html_parser.rb:58:in `scrub'
  lib/redmine/wiki_formatting/html_parser.rb:36:in `to_text'
  test/unit/lib/redmine/wiki_formatting/markdown_html_parser_test.rb:41:in `test_should_not_convert_a_tag_wi
thout_href'
```

I'm attaching:

1. Tests for for markdown and textile which fail on the current trunk
2. A proposed fix, but I'm not sure if `foo<a name="Header-one">bar</a>baz` should be converted to `foo bar baz` or to `foobarbaz`.

#### #6 - 2019-11-05 23:00 - Go MAEDA

Marius BALTEANU wrote:

The current implementation fails with the following error if the link doesn't contain the href attribute.

Thank you for catching and fixing the error.

2. A proposed fix, but I'm not sure if `foo<a name="Header-one">bar</a>baz` should be converted to `foo bar baz` or to `foobarbaz`.

I think we can omit the surrounding spaces for that case. Text generated from `<a href="http://www.example.com/">foo</a>` style HTML should have surrounding spaces because Textile link `"foo":http://www.example.com/` does not work without surrounding spaces. However, the text "bar" you will get by converting from `<a name="Header-one">bar</a>` does not have any markup and will be always rendered properly. So, I think the surrounding spaces are unnecessary.

#### #7 - 2019-11-06 22:38 - Marius BĂLTEANU

Go MAEDA wrote:

Marius BALTEANU wrote:

The current implementation fails with the following error if the link doesn't contain the href attribute.

Thank you for catching and fixing the error.

2. A proposed fix, but I'm not sure if `foo<a name="Header-one">bar</a>baz` should be converted to `foo bar baz` or to `foobarbaz`.

I think we can omit the surrounding spaces for that case. Text generated from `<a href="http://www.example.com/">foo</a>` style HTML should have surrounding spaces because Textile link `"foo":http://www.example.com/` does not work without surrounding spaces. However, the text "bar" you will get by converting from `<a name="Header-one">bar</a>` does not have any markup and will be always rendered properly. So, I think the surrounding spaces are unnecessary.

Great! Please feel free to update the patches.

#### #8 - 2019-11-09 07:06 - Go MAEDA

- Status changed from Reopened to Closed

Marius BALTEANU wrote:

The current implementation fails with the following error if the link doesn't contain the href attribute.

Committed the patches. Thank you.

## Files

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fixed-31695.patch	4.05 KB	2019-07-08	Yuichi HARADA
tests_for_a_elements_without_href.patch	1.75 KB	2019-11-04	Marius BĂLTEANU
fix_for_links_without_href.patch	1.97 KB	2019-11-04	Marius BĂLTEANU