

## Redmine - Defect #23341

### Markdown Table formatting breaks with redmine wiki links

2016-07-14 16:46 - Ben Blanco

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Text formatting	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next minor release	<b>Affected version:</b>	3.2.3
<b>Resolution:</b>			
<b>Description</b>			
When formatting a table in markdown, and inserting internal wiki links via <code>[[wiki_page_name custom name]]</code> , such as:			
<pre>  header   [[FAQ]]   [[Plugins List of Plugins]]    ----- ----- -----    aaa     bbb     ccc    </pre>			
The <code>[[Plugins List of Plugins]]</code> will get incorrectly truncated at <code> </code> which is interpreted as signaling the end of that column, and hence the URL link is not generated as it breaks off before reaching the <code>]]</code> .			
<b>Related issues:</b>			
Related to Redmine - Defect #29852: Cannot use Wiki link with a different nam...			<b>Closed</b>

#### History

##### #1 - 2016-07-14 18:29 - Ben Blanco

FWIW, in the meantime, the following workaround is available:

Instead of `[[wiki_page_name|custom name]]` one can write `[custom name](wiki_page_name)`.

Updating the above table example:

```
| header | [[FAQ]] | [List of Plugins] (Plugins) |
|-----|-----|-----|
| aaa   | bbb   | ccc   |
```

*Disclaimer: I don't know if this workaround would work for cross-project-wiki references...*

##### #2 - 2017-10-11 17:18 - Ben Blanco

- File `redmine_3.4.2.png` added

FYI - This problem remains in latest redmine v3.4.2 (and its updated redcarpet gem)

In redmine 3.3.x and 3.4.x, it renders as such:

`redmine_3.4.2.png`  
Could this problem be due to redcarpet gem itself, vs. redmine's integration of redcarpet..?

##### #3 - 2018-10-27 03:17 - Go MAEDA

- Related to Defect #29852: Cannot use Wiki link with a different name in the table of markdown added

##### #4 - 2018-11-14 14:20 - Takenori TAKAKI

- File `23341.patch` added

I confirmed that redcarpet gem cannot distinguish `|`.

To solve this problem, It is necessary to replace `|`, before and after redcarpet is formatting Markdown to HTML.

So, I made a patch that overrides `Redcarpet::Render::HTML#preprocess` and `#postprocess` methods and replace `|`.

##### #5 - 2018-12-01 09:13 - Go MAEDA

- Target version set to Candidate for next minor release

## #6 - 2019-08-01 16:13 - Martin Cizek

- File 23341-fixed-regexp.patch added

Thanks Takenori for the patch. I've found out that the regexp does not work when it is trying to replace the `&#124;` placeholder back with `|`, as the placeholder is multicharacter and used in a character class. As a result, it does not work if the name contains e.g. numbers 1, 2 or 4.

The solution is to use this regexp:

```
full_document.gsub(/([\[(?![\]\n]|#{pattern})+)(#{pattern})((?![\]\n]|#{pattern})+)\]/)/ d
o |m|
all, page, separator, title = $1, $2, $4, $5
```

A new patch is attached (it's against Redmine 3.4 though).

### Files

redmine_3.4.2.png	3.87 KB	2017-10-11	Ben Blanco
23341.patch	1.27 KB	2018-11-14	Takenori TAKAKI
23341-fixed-regexp.patch	1.45 KB	2019-08-01	Martin Cizek