redmineorg-copy202205 - Vote #77635

Markdown Table formatting breaks with redmine wiki links

2022/05/09 18:01 - Admin Redmine

	:	New		:	2022/05/09
	:			:	
	:			:	0%
	:	Text formatting_26		:	0.00
	:	Candidate for next minor release_33		:	0.00
Redmineorg_URL:		https://www.redmine.org/issues/23341	**status_id:**		1
category_id:		26	**tracker_id:**		1
version_id:		33	**plus1:**		0
issue_org_id:		23341	**affected_version:**		
author_id:		2240	**closed_on:**		
assigned_to_id:		0	**affected_version_id:**		118
comments:		6			

When formatting a table in markdown, and inserting internal wiki links via @custom name@, such as:

```
¦   header   ¦   [[FAQ]]   ¦   [[Plugins¦List   of   Plugins]]   ¦
¦-------¦--------¦---------------------------¦
¦   aaa          ¦   bbb          ¦   ccc                                        ¦
```

The @List of Plugins@ will get incorrectly truncated at @¦@ 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 @]]@.

journals

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

Instead of @[[wiki_page_name¦custom name]]@ one can write @custom 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...

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@..?

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 '¦'.

Thanks Takenori for the patch. I've found out that the regexp does not work when it is trying to replace the @|@ 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})(((?![\[\n]¦#{pattern}).)+\]\])/) do ¦m¦
    all, page, separater, title = $1, $2, $4, $5
```

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

related_issues

relates,Closed,29852,Cannot use Wiki link with a different name in the table of markdown

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#1 - 2022/05/10 17:07 - Admin Redmine

- *Text formatting_26*

- *Candidate for next minor release_33*