

Redmine - Defect #35036

Markdown text sections broken by thematic breaks (horizontal rules)

2021-04-05 15:57 - Martin Cizek

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Text formatting	Estimated time:	0.00 hour
Target version:	4.2.2	Affected version:	4.2.0
Resolution:	Fixed		

**Description**

A [thematic break](#) composed of hyphens (e.g. "---") breaks the division of Markdown text into individually editable sections.

**Steps to reproduce**

Configure markdown text formatting, create a Wiki page in a web browser and enter the following content:

```
# Title
## Heading 2
Preceding CRLF is the default for web-submitted data.

---

End of thematic breaks.

## Heading 2
Nulla nunc nisi, egestas in ornare vel, posuere ac libero.

More in the unit tests in the enclosed patch.
```

**Cause**

The reason is that it is confused with a [setext heading](#). Although the current regexp in `extract_sections` actually tries to restrict setext headings in a way that it must follow a non-empty line, it does not account for a whitespace-only line or even plain CRLF. And as long as the text originates from a web browser, there is always a CRLF. So the problem is pretty common even for carefully formatted text.

**Fix**

Attaching a patch with a fix and corresponding unit tests.

**Broader context**

The current approach to section extraction is inherently fragile - as shown in the other (skipped) unit test enclosed in the patch. I'd suggest to keep the skipped test there to mark it as a known issue. Will create a dedicated issue for this.

<b>Related issues:</b>
Related to Redmine - Feature #35037: Make wiki text section extraction less f... <span>New</span>

Associated revisions

**Revision 20998 - 2021-05-14 11:39 - Go MAEDA**  
Markdown text sections broken by thematic breaks (horizontal rules) (#35036).  
Patch by Martin Cizek.

**Revision 21007 - 2021-05-25 04:13 - Go MAEDA**  
Merged r20998 from trunk to 4.2-stable (#35036).

History

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#1 - 2021-04-05 16:05 - Martin Cizek

- File 0001-markdown\_formatter-extract\_sections-fix.patch added

#2 - 2021-04-05 16:14 - Martin Cizek

Just to make it clear - the skipped test address an already existing error, which is probably not worth fixing with the current approach in extract\_sections implementations. See [#35037](#) for more details.

But the particular and common error in thematic break mistreatment is solved by the patch "as is", it can be just applied. :)

#3 - 2021-05-12 06:46 - Go MAEDA

- Status changed from New to Confirmed
- Target version set to 4.1.4

Setting the target version to 4.1.4.

#4 - 2021-05-12 06:48 - Go MAEDA

- Related to Feature #35037: Make wiki text section extraction less fragile added

#5 - 2021-05-14 11:39 - Go MAEDA

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

Committed the fix. Thank you for your contribution.

#6 - 2021-05-25 04:15 - Go MAEDA

- Status changed from Resolved to Closed
- Target version changed from 4.1.4 to 4.2.2

Files

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0001-markdown_formatter-extract_sections-fix.patch	2.76 KB	2021-04-05	Martin Cizek
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