

## Redmine - Defect #35036

### Markdown text sections broken by thematic breaks (horizontal rules)

2021-04-05 15:57 - Martin Cizek

<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> Text formatting	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 4.2.2	<b>Affected version:</b> 4.2.0
<b>Resolution:</b> Fixed	

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**Description**

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

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**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.

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**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.

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**Fix**

Attaching a patch with a fix and corresponding unit tests.

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**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.

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**Related issues:**

Related to Redmine - Feature # 35037: Make wiki text section extraction less ... **New**

#### 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.

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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