

Redmine - Defect #28793

Redmine replaces tabs with spaces in code blocks

2018-05-16 18:57 - Anton Shepelev

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|--|-----------------|--------------------------|-----------|
| Status: | Confirmed | Start date: | |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | Text formatting | Estimated time: | 0.00 hour |
| Target version: | | Affected version: | 3.4.4 |
| Resolution: | | | |
| Description | | | |
| <p>Regardless of whether I use Markdown or Textile, Redmine always replaces tabs with spaces in code blocks, which makes the code read-only, i.e. one cannot copy and paste it into their program, so I have to attach source files to issues or send them in separate e-mails.</p> <p>The underlying Markdown and Textile text is correct but is rendered into HTML wrong.</p> <p>Code blocks should present code as it is written: spaces should be spaces and tabs should be tabs.</p> <p>My Redmine environment:</p> <pre>Environment: Redmine version 3.4.4.stable Ruby version 2.3.3-p222 (2016-11-21) [i386-mingw32] Rails version 4.2.8 Environment production Database adapter MySQL2 SCM: Subversion 1.8.16 Filesystem Redmine plugins: no plugin installed</pre> | | | |
| Related issues: | | | |
| Has duplicate Redmine - Defect #33707: Highlighted code with 'diff' format co... | | | Closed |

History

#1 - 2020-07-13 14:58 - Go MAEDA

- Has duplicate Defect #33707: Highlighted code with 'diff' format converts tabs to spaces, which breaks IDEs added

#2 - 2020-07-13 14:59 - Go MAEDA

- Status changed from New to Confirmed

#3 - 2020-07-25 08:39 - Go MAEDA

The behavior of Textile formatter can be changed with the following patch, but I think it is not easy to change the behavior of Markdown formatter because is done in [Redcarpet gem](#).

```
diff --git a/lib/redmine/wiki_formatting/textile/redcloth3.rb b/lib/redmine/wiki_formatting/textile/redcloth3.
rb
index 92c6e29d0..374e3c046 100644
--- a/lib/redmine/wiki_formatting/textile/redcloth3.rb
+++ b/lib/redmine/wiki_formatting/textile/redcloth3.rb
@@ -1017,7 +1017,6 @@ class RedCloth3 < String
  # normalize line breaks
  text.gsub!( /\r\n/, "\n" )
  text.gsub!( /\r/, "\n" )
- text.gsub!( /\t/, ' ' )
  text.gsub!( /\^ +$/, '' )
  text.gsub!( /\n{3,}/, "\n\n" )
  text.gsub!( /\$/ , "\n" )
```

Go MAEDA:

The behavior of Textile formatter can be changed with the following patch, but I think it is not easy to change the behavior of Markdown formatter because is done in [Redcarpet gem](<https://github.com/vmg/redcarpet>).

One solution would be to fix it in **Markdown** using your patch and create an issue with the **Redcarpet** project. Transparent code formatting is the more sensible behavior. If they want to keep the spaces for aesthetical reasons, then preserving tabs should be an option, whereas inconsistent behavior between formatters shall be shunned like the plague.