

## Redmine - Defect #31021

### Fullwidth characters enclosed in "<" and ">" are removed in email notifications

2019-03-13 07:51 - Masaomi Yoshida

<b>Status:</b>	Confirmed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Email notifications	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	3.4.7
<b>Resolution:</b>			
<b>Description</b>			
<p>Hi, I'm using Redmine ver.3.4.7 and multi-byte environment(Japanese).</p> <p>I found a bug in mail notifications function.</p> <p>When I update a ticket with the comments below</p> <p>-----</p> <p>aaa&lt;bbb&gt;ccc</p> <p>aaa&lt;bbb&gt;ccc</p> <p>-----</p> <p>The less-than sign, grater-than sign, and multi-byte "BBB" are deleted in the mail, while the ticket itself is properly updated.</p> <p>Note that the first sentence is written using single-byte characters, and the second one is written using multi-byte characters except less-than sign(&lt;) and grater-than sign(&gt;).</p> <p>It will not happen when the letters are quoted with &lt;pre&gt; and &lt;/pre&gt;.</p> <p>Neither It will not happen when html mail is not used.</p> <p>See the attached for details.</p>			

#### History

##### #1 - 2019-03-13 08:01 - Go MAEDA

- File email-4.png added

I cannot reproduce the problem in the current trunk (Redmine 4.0.2.devel.17938). I will check with 3.4 later.

email-4.png

##### #2 - 2019-03-13 08:08 - Masaomi Yoshida

Maeda-san,

Thanks for prompt response and trying to reproduce.

I forgot saying this but if characters are all single-byte in < and >, the bug will not happen.

It happens only when the characters include multi-byte characters.

Please try using my sample in description section.

aaa<bbb>ccc

2022-08-16

**#3 - 2019-03-13 08:47 - Go MAEDA**

- Status changed from New to Confirmed

Masaomi Yoshida wrote:

| It happens only when the characters include multi-byte characters.

Thank you for pointing it out. I have confirmed that the issue is reproducible in the current trunk.

**#4 - 2019-03-13 09:05 - Go MAEDA**

- Subject changed from Letters/Words are deleted in mails when multi-byte characters are in less-than sign(<) and grater-than sign(>) to Fullwidth characters enclosed in "<" and ">" are removed in email notifications

**#5 - 2019-03-28 05:50 - Yuichi HARADA**

- File 0001-Remove-unnecessary-trailing-white-spaces.patch added
- File 0002-Fullwidth-characters-enclosed-in-lt-and-gt.patch added
- File 0003-Add-tests.patch added

Escape processing of "<" and ">" is performed by RedCloth3#escape\_html\_tags .  
source:/trunk/lib/redmine/wiki\_formatting/textile/redcloth3.rb#L1218

However, full-width characters could not be processed because they do not match the regular expression "\w".  
Change the regular expression "\w" to "\_" and "[[:alnum:]]" to match even full-width characters.

I attached the patches.

**#6 - 2019-03-28 09:00 - Go MAEDA**

- Target version set to Candidate for next minor release

**#7 - 2019-03-29 10:50 - Go MAEDA**

I tested the patch and found that the problem still remains for strings such as "<###>" and "<あいうえお>".

**#8 - 2019-04-23 17:44 - Go MAEDA**

- Target version deleted (Candidate for next minor release)

**Files**

Redmine_notification_mail.png	4.26 KB	2019-03-13	Masaomi Yoshida
email-4.png	26.4 KB	2019-03-13	Go MAEDA
0001-Remove-unnecessary-trailing-white-spaces.patch	23.6 KB	2019-03-28	Yuichi HARADA
0002-Fullwidth-characters-enclosed-in-lt-and-gt.patch	1 KB	2019-03-28	Yuichi HARADA
0003-Add-tests.patch	2.17 KB	2019-03-28	Yuichi HARADA