

# Redmine - Defect #30371

## Textile formatter generates broken link if a URL is followed by a tag

2019-01-10 10:51 - Go MAEDA

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Text formatting	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next minor release	<b>Affected version:</b>	
<b>Resolution:</b>			
<b>Description</b>			
<b>[Input]</b>			
<code>http://www.example.com/&lt;foo&gt;</code>			
<b>[Expected output]</b>			
<code>&lt;a class="external" href="http://www.example.com/"&gt;http://www.example.com/&lt;/a&gt;&amp;lt;foo&amp;gt;</code>			
<b>[Actual output]</b>			
<code>&lt;a class="external" href="http://www.example.com/&amp;lt;foo"&gt;http://www.example.com/&amp;lt;foo&lt;/a&gt;</code>			
broken-link@2x.png			

### History

#### #1 - 2019-01-23 07:25 - Yuichi HARADA

- File 0001-Remove-unnecessary-trailing-white-spaces.patch added
- File 0002-URL-followed-by-tag.patch added

I improved the regular expression to exclude subsequent characters on "&lt;" from a URL.  
I attached patches.

```
diff --git a/lib/redmine/wiki_formatting.rb b/lib/redmine/wiki_formatting.rb
index 66764551d..8bd8f64bc 100644
--- a/lib/redmine/wiki_formatting.rb
+++ b/lib/redmine/wiki_formatting.rb
@@ -126,7 +126,7 @@ module Redmine
     (\/)? # slash
   )
   ((?:&gt;)?|^[^[:alnum:]_=\;/;\(\)]*?) # post
-  (?=<|\s|$)
+  (?=&lt;|<|\s|$)
 }x unless const_defined?(:AUTO_LINK_RE)
```

```
# Destructively replaces urls into clickable links
diff --git a/lib/redmine/wiki_formatting/textile/redcloth3.rb b/lib/redmine/wiki_formatting/textile/redcloth3.
rb
index 9107da611..ff0621b9f 100644
--- a/lib/redmine/wiki_formatting/textile/redcloth3.rb
+++ b/lib/redmine/wiki_formatting/textile/redcloth3.rb
@@ -830,7 +830,7 @@ class RedCloth3 < String
     (\/)? # $slash
     ([^[:alnum:]_=\;/;\(\)]*?) # $post
   )
-  (?=<|\s|$)
+  (?=&lt;|<|\s|$)
 /x
```

```
#"  
def inline_textile_link( text )
```

## #2 - 2019-01-23 14:31 - Go MAEDA

- Target version set to Candidate for next minor release

### Files

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broken-link@2x.png	10.8 KB	2019-01-10	Go MAEDA
0001-Remove-unnecessary-trailing-white-spaces.patch	23.6 KB	2019-01-23	Yuichi HARADA
0002-URL-followed-by-tag.patch	3.14 KB	2019-01-23	Yuichi HARADA