

Redmine - Defect #19304

<a> tag without attributes in description results in undefined method + for nil:NilClass

2015-03-08 14:11 - Pavel Rosický

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	3.2.0	Affected version:	3.0.0
Resolution:	Cant reproduce		
Description			
Observed Behavior			
Create new issue with description "<a>link.com" (without tag attributes)			
ActionView::Template::Error: undefined method `+' for nil:NilClass [RAILS_ROOT]/app/helpers/application_helper.rb:872:in `block in parse_redmine_links' [RAILS_ROOT]/app/helpers/application_helper.rb:741:in `gsub!' [RAILS_ROOT]/app/helpers/application_helper.rb:741:in `parse_redmine_links' [RAILS_ROOT]/app/helpers/application_helper.rb:583:in `block (2 levels) in textilizable'			
Workaround			
http://www.redmine.org/projects/redmine/repository/revisions/14003/entry/trunk/app/helpers/application_helper.rb#L741			
<a([^>]+?)?>(.*?) should be <a([^>]+?)>(.*?)			
Environment:			
Redmine version	3.0.0.stable		
Ruby version	2.1.5-p273 (2014-11-13) [i386-mingw32]		
Rails version	4.2.0		
Environment	production		
Database adapter	Mysql2		

Associated revisions

Revision 14774 - 2015-10-31 10:36 - Jean-Philippe Lang

Fixed that #parse_redmine_links errors when given a link tag without attributes (#19304).

History

#1 - 2015-03-08 16:20 - Pavel Rosický

- File application_helper.rb.patch added

#2 - 2015-03-10 20:47 - Jean-Philippe Lang

- Status changed from New to Needs feedback

- Resolution set to Cant reproduce

I'm not able to reproduce, could you write a test case for this?

#3 - 2015-03-11 00:39 - Pavel Rosický

- File application_helper_test.rb.patch added

I forgot, that standard textile formatters unescape html tags before, but this method should handle this anyway. Test case attached.

Original result: error

With patch: returns nil as it should

#4 - 2015-04-06 06:24 - Toshi MARUYAMA

- Status changed from Needs feedback to New

- Target version set to 3.0.2

- Resolution deleted (Cant reproduce)

#5 - 2015-04-06 06:27 - Toshi MARUYAMA

- Related to Defect #18301: Revision shortlink at end of URL breaks URL autolinking added

#6 - 2015-04-06 06:46 - Toshi MARUYAMA

- Related to deleted (Defect #18301: Revision shortlink at end of URL breaks URL autolinking)

#7 - 2015-04-06 06:50 - Toshi MARUYAMA

- Status changed from New to Needs feedback

- Target version deleted (3.0.2)

- Resolution set to Cant reproduce

I cannot reproduce too.

```
diff --git a/test/unit/helpers/application_helper_test.rb b/test/unit/helpers/application_helper_test.rb
--- a/test/unit/helpers/application_helper_test.rb
+++ b/test/unit/helpers/application_helper_test.rb
@@ -1261,6 +1261,19 @@ RAW
     end
   end

+ def test_should_handle_a_tag_without_attributes
+   text = '<a>http://example.com</a>'
+   with_settings :text_formatting => 'textile' do
+     assert_not_nil textilizable(text)
+   end
+   with_settings :text_formatting => 'markdown' do
+     assert_not_nil textilizable(text)
+   end
+   with_settings :text_formatting => 'unknown' do
+     assert_not_nil textilizable(text)
+   end
+ end
+
  def test_due_date_distance_in_words
    to_test = { Date.today => 'Due in 0 days',
               Date.today + 1 => 'Due in 1 day',
```

#8 - 2015-09-04 22:30 - Pavel Rosický

Hi, this bug is still present, but you can reproduce it only if you use non-redmine custom text formatter which supports html (like ckeditor, markdown/textile formatter escape brackets, so <a> will be <a> and the affected regex will not fail).

To avoid that I need to patch this method and gsub! these occurrences, which causes unnecessary overhead. Or I can patch the whole method (~140 lines!!! definitely worth to refactor) only because of one character.

Can someone take a look at it again? Patch, test-case and backtrace are already attached.

#9 - 2015-10-04 05:57 - Toshi MARUYAMA

Pavel Rosický wrote:

Hi, this bug is still present, but you can reproduce it only if you use non-redmine custom text formatter which supports html (like ckeditor, markdown/textile formatter escape brackets, so <a> will be <a> and the affected regex will not fail).

Could you add test cases for it?

#10 - 2015-10-04 11:19 - Pavel Rosický

Toshi MARUYAMA wrote:

Could you add test cases for it?

I already did, 7 months ago.

Test case - http://www.redmine.org/attachments/13295/application_helper_test.rb.patch :

```
def test_should_handle_a_tag_without_attributes
```

```
text = '<a>http://example.com</a>'
assert_nil parse_redmine_links(text, nil, nil, nil, true, {})
end
```

Without patch:

1) Error:

```
ApplicationHelperTest#test_should_handle_a_tag_without_attributes:
NoMethodError: undefined method `+' for nil:NilClass
app/helpers/application_helper.rb:873:in `block in parse_redmine_links'
app/helpers/application_helper.rb:742:in `gsub!'
app/helpers/application_helper.rb:742:in `parse_redmine_links'
test/unit/helpers/application_helper_test.rb:1262:in `test_should_handle_a_t
ag_without_attributes'
```

94 runs, 379 assertions, 0 failures, 1 errors, 0 skips

With patch - http://www.redmine.org/attachments/13280/application_helper.rb.patch :

94 runs, 380 assertions, 0 failures, 0 errors, 0 skips

What else can I do?

If you want to test `textilizable()`, I'll have to include `ckeditor` and a custom html formatter (plugin). Such tests can't be included in a standard Redmine's test suite.

#11 - 2015-10-30 07:13 - Toshi MARUYAMA

Pavel Rosický wrote:

If you want to test `textilizable()`, I'll have to include `ckeditor` and a custom html formatter (plugin).

Could you add dummy formatter?

#12 - 2015-10-31 10:37 - Jean-Philippe Lang

- Category changed from *Text formatting* to *Code cleanup/refactoring*

- Status changed from *Needs feedback* to *Closed*

- Assignee set to *Jean-Philippe Lang*

- Target version set to *3.2.0*

Fixed in [r14774](#).

Files

application_helper.rb.patch	1.22 KB	2015-03-08	Pavel Rosický
application_helper_test.rb.patch	1.11 KB	2015-03-10	Pavel Rosický