

## Redmine - Defect #19304

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

2015-03-08 14:11 - Pavel Rosický

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Code cleanup/refactoring	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.2.0	<b>Affected version:</b>	3.0.0
<b>Resolution:</b>	Cant reproduce		
<b>Description</b>			
<b>Observed Behavior</b>			
Create new issue with description "<a>link.com</a>" (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'			
<b>Workaround</b>			
<a href="http://www.redmine.org/projects/redmine/repository/revisions/14003/entry/trunk/app/helpers/application_helper.rb#L741">http://www.redmine.org/projects/redmine/repository/revisions/14003/entry/trunk/app/helpers/application_helper.rb#L741</a>			
<a( [^>]+?)?>(.*?)</a> should be <a( [^>]+?)>(.*?)</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 `&lt;a&gt;`; 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](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](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