

Redmine - Defect #20420

auto_link in wiki_formatter fails

2015-07-27 15:33 - Thomas Leichtfuß

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Text formatting	Estimated time:	0.00 hour
Target version:		Affected version:	3.0.4
Resolution:	Invalid		
Description			
Environment:			
sh: 1: darcs: not found sh: 1: hg: not found sh: 1: cvs: not found sh: 1: bzz: not found			
Environment:			
Redmine version 3.0.4.stable Ruby version 1.9.3-p448 (2013-06-27) [i686-linux] Rails version 4.2.3 Environment production Database adapter Mysql2			
SCM:			
Subversion 1.8.10 Git 2.1.4 Filesystem			
Redmine plugins:			
redmine_ckeditor 1.1.0 redmine_contacts 4.0.1 redmine_contacts_helpdesk 3.0.0 redmine_contacts_invoices 4.0.0 redmine_finance 2.0.0			
The error occurs in context with the redmine_contacts and the redmine_ckeditor, but the failing code is lib/redmine/wiki_formatting.rb of the core-code. To reproduce the error create a contact and add a note with the following content:			
<p>%%[Grußformel]%% Schuttenberg, vielen Dank für die Anfrage und das nette Gespräch. Wie besprochen habe ich Ihnen eben einen Demozugang mit folgenden Zugangsdaten eingerichtet: URL: http://civihosting.systopia.de/ Benutzername: XXXX Passwort: XXXXX Ich habe zusätztlich zu den Kernfunktionen wie besprochen nun zunächst folgende Module aktiviert:</p> Versand und Auswertung von Mailings (z.B. Newslettern) Mitgliederverwaltung Spendenverwaltung <p>Es gibt darüber hinaus noch einige weitere Funktionen (z.B. ein Veranstaltungs- und Kampagnenmanagement), die ich aber aus Gründen der Übersichtlichkeit zunächst nicht aktiviert habe - falls Sie diese auch testen wollen, sagen Sie gerne Bescheid. 			

CiviCRM ist stark anpassungsfa... "(weiter lesen)"/:redmine/notes/88?project_id=systopia

This breaks the contact-view (not the view of the note) and produces the following log-message:

```
Started GET "/redmine/contacts/137?project_id=systopia" for 130.180.124.102 at 2015-07-27 14:53:12 +0200
Processing by ContactsController#show as HTML
Parameters: {"project_id"=>"systopia", "id"=>"137"}
Current user: thomas (id=8)
Rendered plugins/redmine_contacts/app/views/contacts_tags/_tags_form.html.erb (3.0ms)
Rendered plugins/redmine_contacts/app/views/contacts/_form_tags.html.erb (8.4ms)
Rendered attachments/_form.html.erb (2.1ms)
Rendered plugins/redmine_contacts/app/views/notes/_form.html.erb (6.7ms)
Rendered plugins/redmine_contacts/app/views/notes/_add.html.erb (8.0ms)
Rendered plugins/redmine_contacts/app/views/notes/_note_item.html.erb (20.1ms)
Rendered plugins/redmine_contacts/app/views/contacts/_notes.html.erb (134.1ms)
Rendered plugins/redmine_contacts/app/views/common/_contact_tabs.html.erb (136.6ms)
Rendered plugins/redmine_contacts/app/views/contacts/show.html.erb within layouts/base (172.3ms)
Completed 500 Internal Server Error in 211ms (ActiveRecord: 10.8ms)

ActionView::Template::Error (undefined method `[]' for nil:NilClass):
 39:          <% end %>
 40:        </div>
 41:        <div class="wiki note">
 42:          <%= note_content(note_item) %>
 43:          <%= auto_contacts_thumbnails(note_item) %>
 44:          <%= render :partial => 'attachments/links', :locals => {:attachments =
> note_item.attachments, :options => {}} if note_item.attachments.any? %>
 45:        </div>
lib/redmine/wiki_formatting.rb:125:in `block in auto_link!'
lib/redmine/wiki_formatting.rb:116:in `auto_link!'
lib/redmine/wiki_formatting.rb:71:in `to_html'
app/helpers/application_helper.rb:574:in `textilizable'
```

Further investigations shows, that for some html-code-snippets (like the one above - I actually was not able to determine the exact combination of tags/words/formatting-stuff that leads to the error) the following code of lib/redmine/wiki_formatting.rb breaks:

```
115     def auto_link!(text)
116       text.gsub!(AUTO_LINK_RE) do
117         all, leading, proto, url, post = $&, $1, $2, $3, $6
118         if leading =~ /<a\s/i || leading =~ /[<>=]?/
119           # don't replace URLs that are already linked
120           # and URLs prefixed with ! !> !< != (textile images)
121           all
122         else
123           # Idea below : an URL with unbalanced parenthesis and
124           # ending by ')' is put into external parenthesis
125           if ( url[-1]==?) and ((url.count("(") - url.count(")")) < 0 ) )
126             url=url[0..-2] # discard closing parenthesis from url
127             post = ")" + post # add closing parenthesis to post
128           end
129           content = proto + url
130           href = "#{proto=="www."?"http://www.":proto}#{url}"
131           %({leading}<a class="external" href="#{ERB::Util.html_escape href}">#{ERB::Util.h
tml_escape content}</a>#{post}).html_safe
132         end
133       end
134     end
```

The reason is, that the variables of line 117 (all, leading, proto, url, post) are empty, which leads to an exception in line 125. I am not a ruby-programmer - but I wonder how it could be that \$& is not set when the regular expression obviously matched? Otherwise we would not enter the loop at all, do we?

History

#1 - 2015-07-28 11:30 - Thomas Leichtfuß

I tested it now with ruby 2.0.0 and got the same error. Here is the new environment:

```

Environment:
  Redmine version      3.0.4.stable
  Ruby version         2.0.0-p645 (2015-04-13) [i686-linux]
  Rails version        4.2.3
  Environment          production
  Database adapter     Mysql2
SCM:
  Subversion           1.8.10
  Git                  2.1.4
  Filesystem
Redmine plugins:
  redmine_ckeditor     1.1.0
  redmine_contacts     4.0.1
  redmine_contacts_helpdesk 3.0.0
  redmine_contacts_invoices 4.0.0
  redmine_finance      2.0.0

```

#2 - 2015-07-28 14:09 - Thomas Leichtfuß

Ok. I now see a little bit clearer:

The failure only occurs with notes that exceed a specific lenght. That is because of the following code in plugins/redmine_contacts/app/helpers/notes_helper.rb:

```

82   def note_content(note)
83     s = ""
84     if note.content.length > Note.cut_length
85       s << textilizable(truncate(note.content, {:length => Note.cut_length, :omission => "... \#{l(:label_
_crm_note_read_more)}\":#{url_for(:controller => 'notes', :action => 'show', :project_id => @project, :id => n
ote)}" ))))
86     else
87       s << textilizable(note, :content)
88     end
89     s.html_safe
90   end

```

This leads for notes that exceed Note.cut_lenght to a weird formatted content. E.g. the above used html-snippet will become something like:

```

<lt;p><lt;b>Hallo Schuttenberg</b>,<br />
<br />
vielen Dank für die Anfrage und das nette Gespräch.<br />
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx<br />
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx<br />
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx<br />
<br />
URL: <a class="external" href="http://civihosting.systopia.de/">http://civihosting.s
ystopia.de/</a><br />
Benutzername: XXXX<br />
Passwort: XXXX<br />
<br />
Ich habe zusätzlich zu den Kernfunktionen wie besprochen nun zunächst folgende Module aktiviert:</p>

<ul>
  <li><b>Versand und Auswertung von Mailings (z.B. Newslettern) </b></li>
  <li><b>Mitgliederverwaltung </b></li>
  <li><b>Spendenverwaltung</b></li>
</ul>

<p>Es gibt darüber hinaus noch einige weitere Funktionen (z.B. ein <b>Veranstaltungs- und Kampagn
enmanagement</b>), die ich aber aus Gründen ... "(weiter lesen)":/redmine/notes/307?project_id
=systopia

```

While this happens in redmine-3.0.4 it does not in 2.6.5. The textilizable-method in app/helpers/application_helper.rb has changed since 2.6.5.

So I still think that rubys gsub-method fails to handle the above string (it just must not enter the loop with an unset \$&-variable). But the source of the strange formatting seems to be the interaction between the redmine-3.0.4-core-code and the redmine_contacts-plugin. If now the textilizable-method must be fixed or the way it is called from the redmine_contacts-plugin, I do not know.

But for all who face the same problem - here is my dirty work-around:

Just increasing the @@cut_lenght in plugins/redmine_contacts/app/models/note.rb helps avoiding this issue.

#3 - 2015-08-25 08:13 - Toshi MARUYAMA

- Status changed from New to Closed

- Resolution set to Invalid

Please contact plugin author.

#4 - 2022-12-22 09:06 - Dimitar (RedmineUP)

Hello Thomas,

This is Dimitar from the RedmineUP Support Team.

I see that you have some of our plugins on your list:

redmine_contacts	4.0.1
redmine_contacts_helpdesk	3.0.0
redmine_contacts_invoices	4.0.0
redmine_finance	2.0.0

May I ask - is the reported problem still appearing to your Redmine?

We look forward to hearing from you.

Best Regards,

Dimitar from the RedmineUP Support Team

Thomas Leichtfuß wrote:

Environment:

[...]

The error occurs in context with the redmine_contacts and the redmine_ckeditor, but the failing code is lib/redmine/wiki_formatting.rb of the core-code.

To reproduce the error create a contact and add a note with the following content:

[...]

This breaks the contact-view (not the view of the note) and produces the following log-message:

[...]

Further investigations shows, that for some html-code-snippets (like the one above - I actually was not able to determine the exact combination of tags/words/formatting-stuff that leads to the error) the following code of lib/redmine/wiki_formatting.rb breaks:

[...]

The reason is, that the variables of line 117 (all, leading, proto, url, post) are empty, which leads to an exception in line 125.

I am not a ruby-programmer - but I wonder how it could be that \$& is not set when the regular expression obviously matched? Otherwise we would not enter the loop at all, do we?

#5 - 2023-01-09 10:38 - Thomas Leichtfuß

We are now using

- redmine 4.2.7
- redmine_contact 4.3.1

This issue seems to be solved for these versions.