

Redmine - Defect #41721

Principal link text with special characters not displayed correctly after r23222

2024-11-09 15:34 - Katsuya HIDAHA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Marius BĂLTEANU	% Done:	0%
Category:	UI	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
Expected behavior: expected.png			
Actual behavior: actual.png			
This problem appears to be caused by the link_to_principal helper displaying principal names with double escaping after commit r23222 .			

Associated revisions

Revision 23228 - 2024-11-10 12:37 - Marius BĂLTEANU

Fixes double-escaping issue for a principal name with special chars (#41721, #23980).

Patch by Katsuya HIDAHA (user:hidakatsuya).

History

#1 - 2024-11-09 16:20 - Katsuya HIDAHA

- File 0001-Fixed-double-escaping-issue-for-a-principal-name-with-special-chars.patch added

- File 0002-Fixed-broken-link_to_principal-helper-test.patch added

I have attached a patch to fix this problem.

link_to_principal displaying principal names with double escaping after commit [r23222](#).

The causes of the above are:

From: /redmine/app/helpers/application_helper.rb @ line 80 :

```
75:     else
76:       name = h(principal.to_s)
77:     end
78:
79:     css_classes += " #{options[:class]}" if css_classes && options[:class].present?
=> 80:     binding.irb
81:     url ? link_to(principal_icon(principal.class.name.downcase).to_s + name, url, :class => css_classes) : name
82:   end
83:
84:   # Displays a link to edit group page if current user is admin
85:   # Otherwise display only the group name
```

```
irb:001> name.html_safe?
=> true
irb:002> name
=> "firstname<#39; lastname&quot;"
irb:003> (principal_icon(principal.class.name.downcase).to_s + name).html_safe?
=> false
irb:004> h(principal_icon(principal.class.name.downcase).to_s + name)
=> "firstname&lt;#39; lastname&amp;quot;"
```

The name variable was marked as safe HTML on line 80, but it is now marked as unsafe HTML by addition of

link_to(principal_icon(principal.class.name.downcase).to_s on line 81. As a result, the link_to method again escapes the name variable as unsafe HTML.

I have fixed this by removing all escaping of the text passed to the link_to method in the link_to_principal. The link_to method escapes text by default.

- https://github.com/rails/rails/blob/852d0cd4123463cf215f4b024801b256857295c4/actionview/lib/action_view/helpers/tag_helper.rb#L243
- https://github.com/rails/rails/blob/852d0cd4123463cf215f4b024801b256857295c4/actionview/lib/action_view/helpers/tag_helper.rb#L523
- https://github.com/rails/rails/blob/dd8f7185faeca6ee968a6e9367f6d8601a83b8db/actionview/lib/action_view/helpers/url_helper.rb#L207

```
redmine-app(dev)> helper.link_to("firstname<>", 'url')  
=> "<a href=\"url\">firstname<>&#39;</a>"
```

The following test was failing after [r23222](#), but it passes after applying the patch.

https://github.com/redmine/redmine/blob/8438deb8a68dfaf260b8c8d68d5aad2afa70fa6/test/helpers/application_helper_test.rb#L1881

The second patch fixes the broken link_to_principal helper test due to [r23222](#).

#2 - 2024-11-10 12:38 - Marius BĂLTEANU

- Status changed from New to Closed

- Assignee set to Marius BĂLTEANU

First patch committed, thanks for reporting this.

For the second one, I've preferred a different assertion, please take a look at [r23227](#).

#3 - 2024-11-10 13:42 - Katsuya HIDAKA

Thank you for reviewing and merging the patch.

For the second one, I've preferred a different assertion, please take a look at [r23227](#).

It looks good to me!

Files

expected.png	26.3 KB	2024-11-09	Katsuya HIDAKA
actual.png	28.1 KB	2024-11-09	Katsuya HIDAKA
0001-Fixed-double-escaping-issue-for-a-principal-name-with-special-chars.patch	1178 Bytes	2024-11-09	Katsuya HIDAKA
0002-Fixed-broken-link_to_principal-helper-test.patch	1020 Bytes	2024-11-09	Katsuya HIDAKA