

Redmine - Defect #32829

HTML entity is used in CSS string

2020-01-17 01:31 - Alexander Sapozhnikov

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	UI	Estimated time:	0.00 hour
Target version:	4.0.7	Affected version:	3.3.0
Resolution:	Fixed		

Description

Ordering handles (green arrows ↕) at some administrative pages contains HTML entity instead of invisible character of non-breaking space:

The screenshot shows the Redmine administrative interface. On the left, there's a sidebar with a menu. The main area displays a table with project information. A tooltip is visible over one of the ordering handles, showing the CSS selector `span.icon-only.icon-sort-handle.sort-handle.ui-sortable-handle::after` and its dimensions `28.66 x 10`. On the right, the browser's developer tools are open, showing the `Elements` panel with the HTML structure of the table and the `Styles` panel with the CSS rule for the handles.

```
Filter: .hov .cls +
.icon-only::after { application.css:1295
content: "&nbsp;";
}
```

Affected pages

- /roles
- /trackers
- /issue_statuses
- /enumerations
- /custom_fields

Configuration

- MySQL 5.5.44
- ruby 2.6.3p62 (2019-04-16 revision 67580) [x86_64-linux]
- Rails 5.2.4.1
- Redmine 4.1.0
- Plugins:
 - [Redmine CRM plugin](#) 4.2.5
 - [Custom JS and CSS plugin](#) 0.0.1
 - [Redmine Open Search plugin](#) 0.1.0
- Google Chrome 79

How to fix

Edit public/stylesheets/application.css:

```
.icon-only::after {
  content: "&nbsp;";
}
```

replace with

- non-breaking space
- or
- \a0

Related issues:

Related to Redmine - Patch #21805: Improve accessibility for icon-only links

Closed

Associated revisions

Revision 19440 - 2020-01-21 00:31 - Go MAEDA
Remove an HTML entity that cannot be used in a CSS string (#32829).

Patch by Alexander Sapozhnikov.

Revision 19441 - 2020-01-21 00:33 - Go MAEDA
Merged r19440 from trunk to 4.1-stable (#32829).

Revision 19442 - 2020-01-21 00:34 - Go MAEDA
Merged r19440 from trunk to 4.0-stable (#32829).

History

#1 - 2020-01-17 01:34 - Alexander Sapozhnikov

- File application-css.patch added

```
--- application.css~      2019-12-20 17:19:46.000000000 +0500
+++ application.css      2020-01-17 05:28:57.819227647 +0500
@@ -1458,3 +1458,3 @@
 .icon-only::after {
- content: "&nbsp;";
+ content: "\a0";
 }
```

#2 - 2020-01-19 05:58 - Go MAEDA

- File roles-no-problem@2x.png added

I cannot reproduce the problem. Could you test again without third-party plugins and a theme?

Roles

New role

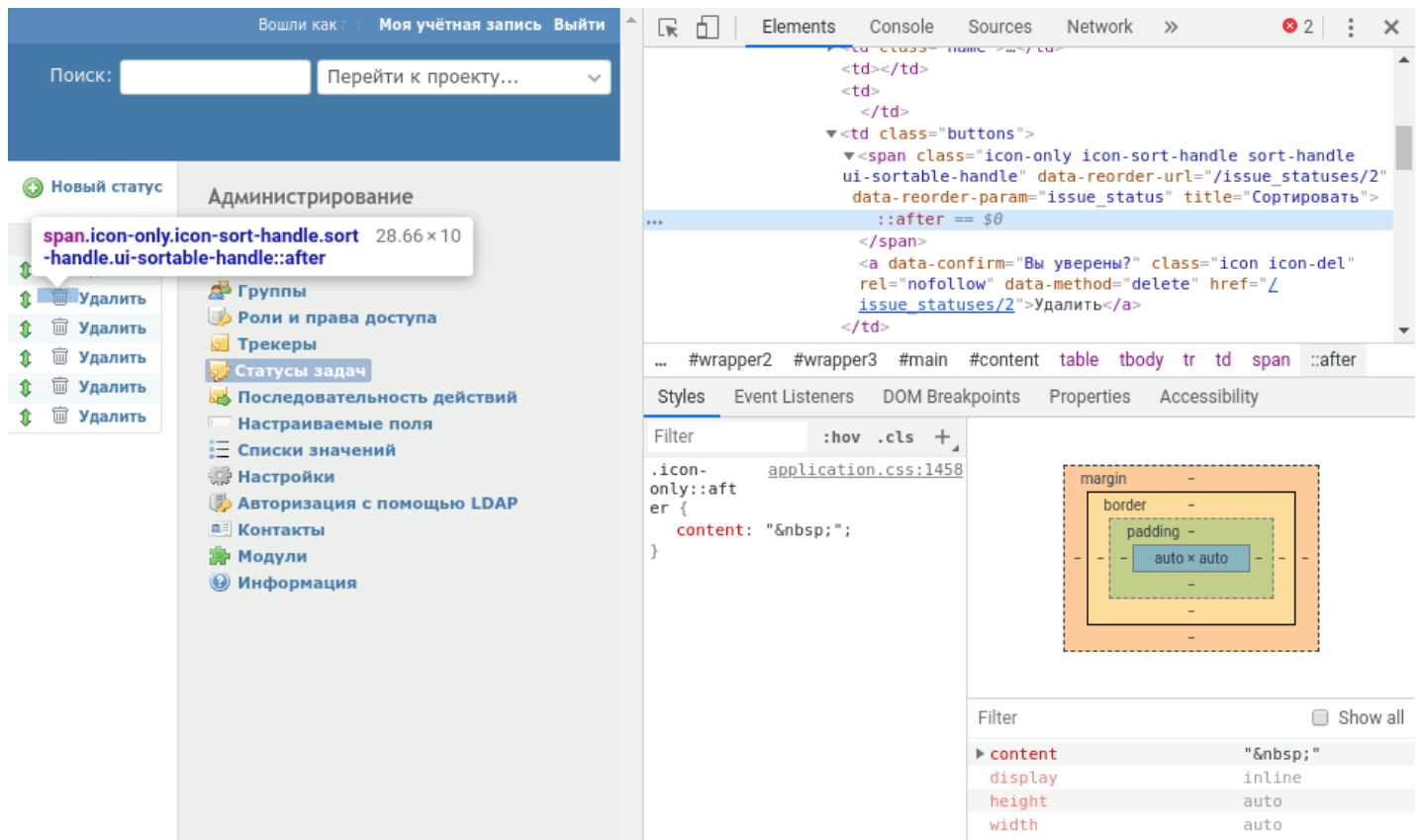
Permissions report

Role	
Manager	<div><div></div>CopyDelete</div>
Developer	<div><div></div>CopyDelete</div>
Reporter	<div><div></div>CopyDelete</div>
Non member	<div><div></div>Copy</div>
Anonymous	<div><div></div>Copy</div>

#3 - 2020-01-19 22:13 - Alexander Sapozhnikov

- File issue-32829-hidden.png added

I've checked with Alternate and Classic themes — there are no visible characters



But anyway HTML entity should be replaced with allowed character or escape sequence.

<https://developer.mozilla.org/en-US/docs/Web/CSS/string>

Most characters can be represented literally. All characters can also be represented with their respective [Unicode code points](#) in hexadecimal, in which case they are preceded by a backslash (\). For example, \22 represents a double quote, \27 a single quote ('), and \A9 the copyright symbol (©).

Note: HTML entities (such as or —) cannot be used in a CSS <string>.

See also:

- <https://developer.mozilla.org/en-US/docs/Web/CSS/content>
- <https://css-tricks.com/css-content/#article-header-id-1>

#4 - 2020-01-20 00:44 - Go MAEDA

- Target version set to 4.1.1

Alexander Sapozhnikov wrote:

But anyway HTML entity should be replaced with allowed character or escape sequence.

<https://developer.mozilla.org/en-US/docs/Web/CSS/string>

Most characters can be represented literally. All characters can also be represented with their respective [Unicode code points](#) in hexadecimal, in which case they are preceded by a backslash (\). For example, \22 represents a double quote, \27 a single quote ('), and \A9 the copyright symbol (©).

Note: HTML entities (such as or —) cannot be used in a CSS <string>.

Thank you for giving me the information. I didn't know that.

Setting the target version to 4.1.1.

#5 - 2020-01-20 01:00 - Go MAEDA

- Target version changed from 4.1.1 to 4.0.7

- Affected version changed from 4.1.0 to 3.3.0

The change has been made in [r15271](#) (Redmine 3.3.0). Updating the target version to 4.0.7.

#6 - 2020-01-20 01:00 - Go MAEDA

- Related to Patch #21805: Improve accessibility for icon-only links added

#7 - 2020-01-21 00:38 - Go MAEDA

- Subject changed from *HTML entities instead of non-breaking space near ordering handles* to *HTML entity is used in CSS string*
- Status changed from *New* to *Closed*
- Assignee set to *Go MAEDA*
- Resolution set to *Fixed*

Committed the patch. Thank you for posting the patch.

Files

redmine-410-nbsp.png	38.9 KB	2020-01-17	Alexander Sapozhnikov
application-css.patch	200 Bytes	2020-01-17	Alexander Sapozhnikov
roles-no-problem@2x.png	48.6 KB	2020-01-19	Go MAEDA
issue-32829-hidden.png	33.3 KB	2020-01-19	Alexander Sapozhnikov