

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:

redmine-410-nbsp.png

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-no-problem@2x.png

#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

issue-32829-hidden.png

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