Redmine - Defect #32829
HTML entity is used in CSS string
2020-01-17 01:31 - Alexander Sapozhnikov

Ordering handles (green arrows ↕) at some administrative pages contains HTML entity &nbsp; 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:
```css
.icon-only::after {
  content: "&nbsp;";
}
```

replace &nbsp; 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: "\0a0";
+  content: "\0a0";
 }
```

#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.


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, \u22 represents a double quote, \u27 a single quote (‘), and \u00a9 the copyright symbol (©).
Note: HTML entities (such as &nbsp; or &#8212;) cannot be used in a CSS <string>.

See also:

- 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.


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 &nbsp; or &#8212;) 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