

Redmine - Defect #41957

Remove nesting selectors because are not support in old browsers

2024-12-09 10:38 - Kevin Zhang

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Marius BĂLTEANU	% Done:	0%
Category:	UI	Estimated time:	0.00 hour
Target version:	6.0.2	Affected version:	6.0.1
Resolution:	Fixed		

Description

database manager version
mysql Ver 8.0.26 for Linux on x86_64 (Source distribution)

Ruby version
ruby 3.2.3 (2024-01-18 revision 52bb2ac0a6) [x86_64-linux]

Redmine version
6.0.1

Google Chrome version
109.0.5414.120

sidebar and filter form not correct displayed in old browsers (chrome, safari) because of nesting selector in application.css not supported

```
svg {
  &.icon-svg {
    stroke: #169;
    fill: none;
    stroke-width: 1.5;
    vertical-align: middle;
  }

  &.s20 {
    width: 1.25rem;
    height: 1.25rem;
  }

  &.s18 {
    width: 1.125rem;
    height: 1.125rem;
  }

  &.s14 {
    width: 0.875rem;
    height: 0.875rem;
  }

  &.s12 {
    width: 0.75rem;
    height: 0.75rem;
  }
}
```

Associated revisions

Revision 23378 - 2024-12-10 23:12 - Marius BĂLTEANU

Refactors nested CSS selectors in order to improve compatibility with older browsers (#41957).

Revision 23381 - 2024-12-11 00:37 - Marius BĂLTEANU

Merge r23378 from trunk to 6.0-stable (#41957).

Revision 23387 - 2024-12-11 07:32 - Marius BĂLTEANU

Refactors nested CSS selectors (#41957).

Patch by Katsuya HIDAKA (user:hidakatsuya).

Revision 23390 - 2024-12-11 07:46 - Marius BĂLTEANU

Backports r23387 to 6.0-stable (#41957).

History

#1 - 2024-12-09 10:43 - Kevin Zhang

- File *filter form not displayed.jpg* added
- File *application-css.png* added
- File *browsers compatible.png* added

#2 - 2024-12-09 23:12 - Holger Just

- Status changed from *New* to *Confirmed*

This feature is apparently available since Chrome 112 (released 2023-04-04). See

- https://caniuse.com/mdn-css_selectors_nesting
- https://developer.mozilla.org/en-US/docs/Web/CSS/Nesting_selector#browser_compatibility

Note that in addition to the rules quoted here, there are also other rules (e.g. those added in [r23130](#) for [#41321](#)) which require Chrome \geq 120 (released 2023-12-05). To solve this, we could re-formulate these rules to not require nesting or we could document minimum browser requirements. As our rules are not that complicated, it may be worthwhile to remove the `&` nesting here to still allow "medium-old" browsers.

#3 - 2024-12-09 23:13 - Marius BĂLTEANU

- Assignee set to *Marius BĂLTEANU*
- Target version set to *6.0.2*

I agree, I will include this change in [6.0.2](#)

#4 - 2024-12-10 22:15 - Marius BĂLTEANU

- Subject changed from *& nesting selector not support in old browsers* to *Remove nesting selectors because are not support in old browsers*

#5 - 2024-12-11 00:39 - Marius BĂLTEANU

- Status changed from *Confirmed* to *Resolved*
- Resolution set to *Fixed*

#6 - 2024-12-11 00:40 - Marius BĂLTEANU

Fixes committed and merged to 6.0-stable branch.

#7 - 2024-12-11 00:40 - Marius BĂLTEANU

- Status changed from *Resolved* to *Closed*

#8 - 2024-12-11 05:06 - Katsuya HIDAKA

The browser support for [CSS Nesting](#) is nearly identical to that of the CSS Nesting selector (`&`). For example, the fix in [#41821](#) won't work in older browsers.

Since CSS Nesting and the CSS Nesting selector (`&`) are functionally related features, wouldn't it be more consistent to address CSS Nesting as well?

```
diff --git a/app/assets/stylesheets/application.css b/app/assets/stylesheets/application.css
index 1707bc172..8590db99a 100644
--- a/app/assets/stylesheets/application.css
+++ b/app/assets/stylesheets/application.css
@@ -1745,10 +1745,10 @@ td.gantt_selected_column .gantt_hdr, .gantt_selected_column_container {
     display: inline-flex;
     align-items: center;
     vertical-align: middle;
```

```

+}

-  svg {
-    flex-shrink: 0;
-  }
+ .icon svg, .icon-only svg {
+  flex-shrink: 0;
+ }

  a.icon:hover svg, a.icon-only:hover svg {
diff --git a/app/assets/stylesheets/wiki_syntax.css b/app/assets/stylesheets/wiki_syntax.css
index 068bae969..de266e62c 100644
--- a/app/assets/stylesheets/wiki_syntax.css
+++ b/app/assets/stylesheets/wiki_syntax.css
@@ -25,24 +25,21 @@ body { font-family: var(--fonts-main); font-size: 0.75rem; color: #444; }
pre, code {font-family: Consolas, Menlo, "Liberation Mono", Courier, monospace; }
table th {
  padding-top: 1em;
-
-  img {
-    border: 1px solid #bbb;
-    opacity: 0.7;
-  }
-
-  .syntax-pre {
-    display: inline-block;
-    border: 1px solid #bbb;
-    width: 18px;
-    height: 18px;
-
-    &:before {
-      content: "pre";
-      font-size: 0.625rem;
-      color: #666;
-    }
-  }
+}
+table th img {
+  border: 1px solid #bbb;
+  opacity: 0.7;
+}
+table th .syntax-pre {
+  display: inline-block;
+  border: 1px solid #bbb;
+  width: 18px;
+  height: 18px;
+}
+table th .syntax-pre:before {
+  content: "pre";
+  font-size: 0.625rem;
+  color: #666;
+ }
table td { background-color: #f5f5f5; height: 2em; vertical-align: middle;}
table td code { font-size: 1.2em; }

```

If this discussion should be handled in a separate issue, I'm happy to do so.

#9 - 2024-12-11 07:32 - Marius BĂLTEANU

Katsuya HIDAHA wrote in [#note-8](#):

The browser support for [CSS Nesting](#) is nearly identical to that of the CSS Nesting selector (&). For example, the fix in [#41821](#) won't work in older browsers.

Since CSS Nesting and the CSS Nesting selector (&) are functionally related features, wouldn't it be more consistent to address CSS Nesting as well?

[...]

If this discussion should be handled in a separate issue, I'm happy to do so.

Committed, thanks!

Files

filter form not displayed.jpg	228 KB	2024-12-09	Kevin Zhang
application-css.png	114 KB	2024-12-09	Kevin Zhang
browsers compatible.png	180 KB	2024-12-09	Kevin Zhang