

Redmine - Defect #33392

Fix invalid selector in function displayTabsButtons()

2020-05-02 16:18 - Marius BALTEANU

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	4.2.0	Affected version:	4.0.0
Resolution:	Fixed		
Description			
<p>Below it's a snippet from displayTabsButton() function:</p> <pre>var bw = \$(el).parents('div.tabs-buttons').outerWidth(true); if ((tabsWidth < el.width() - bw) && (lis.length === 0 lis.first().is(':visible'))) { el.find('div.tabs-buttons').hide(); } else { el.find('div.tabs-buttons').show().children('button.tab-left').toggleClass('disabled', numHidden == 0); }</pre>			
<p>Selector parents('div.tabs-buttons') from line var bw = \$(el).parents('div.tabs-buttons').outerWidth(true); never finds any element because div.tabs-buttons is not a parent of div.tabs.</p> <p>On jQuery 2, var gw = \$(el).parents('div.tabs-buttons').outerWidth(true); is null which means 0+.</p> <p>On jQuery 3, var gw = \$(el).parents('div.tabs-buttons').outerWidth(true); is undefined which means NaN.</p> <p>Because of this change, the condition (tabsWidth < el.width() - bw) always return false on jQuery 3 because gw is NaN and tabsButton are displayed.</p> <p>tabs.png</p> <p>The attach patch fixes this incorrect behaviour and also replaces some inline styles with class hidden.</p>			
Related issues:			
Related to Redmine - Feature # 33383: Update jQuery to 3.5.1		Resolved	

Associated revisions

Revision 19748 - 2020-05-04 01:17 - Go MAEDA

Fix invalid selector in function displayTabsButtons() (#33392).

Patch by Marius BALTEANU.

History

#1 - 2020-05-02 16:20 - Marius BALTEANU

- Description updated

- Target version changed from 4.2.0 to 4.0.8

- Affected version set to 4.0.0

#2 - 2020-05-02 16:21 - Marius BALTEANU

- Related to Feature #33383: Update jQuery to 3.5.1 added

#3 - 2020-05-02 18:56 - Marius BALTEANU

- Target version changed from 4.0.8 to 4.2.0

#4 - 2020-05-03 02:20 - Go MAEDA

- File *different-behavior-before.png* added

- File *different-behavior-after.png* added

I found that the patch changes the behavior of the button.

After applying the patch, the buttons show up even when there are no hidden tabs.

Before:

different-behavior-before.png

After:

different-behavior-after.png

#5 - 2020-05-03 08:33 - Marius BALTEANU

- File deleted (*0001-Fix-invalid-selector-in-displayTabsButtons-function.patch*)

#6 - 2020-05-03 08:42 - Marius BALTEANU

- File *0001-Fix-invalid-selector-in-displayTabsButtons-function_v2.patch* added

- File *1120.png* added

- File *1141.png* added

I've removed from the patch the changes related to the "hidden" class because are irrelevant. Please retest it because on my environment I cannot reproduce the problem on all resolutions.

The problem that you say reproduces only on widths between 1120px - 1140px:

1120px Tab buttons appear:

1120.png

1141px Tab buttons disappear :

1141.png

Is it correct?

#7 - 2020-05-04 01:18 - Go MAEDA

- Status changed from *New* to *Closed*

- Assignee set to *Go MAEDA*

- Resolution set to *Fixed*

Committed the patch. Thank you.

#8 - 2020-05-04 10:18 - Marius BALTEANU

Go MAEDA wrote:

| *Committed the patch. Thank you.*

Thanks for committing this. FTR, we can easily fix the issue with those 20px, but working on it, I've found multiple issues, for example: resize the window, navigate to right until "+" and "Overview" tabs are hidden, then expand the window to the maximum. Observe that the hidden tabs are not automatically displayed even if it's enough space. I decided to try to find a better solution, but it'll take some time.

Files

tabs.png	79 KB	2020-05-02	Marius BALTEANU
different-behavior-before.png	36 KB	2020-05-03	Go MAEDA
different-behavior-after.png	36.9 KB	2020-05-03	Go MAEDA
0001-Fix-invalid-selector-in-displayTabsButtons-function_v2.patch	569 Bytes	2020-05-03	Marius BALTEANU
1120.png	80.5 KB	2020-05-03	Marius BALTEANU
1141.png	79.8 KB	2020-05-03	Marius BALTEANU