

## Bugs & Wish list

jQuery tablesorter pager at the bottom does not show initially | Tiki Wiki CMS Groupware :: Development  
jQuery tablesorter pager at the bottom does not show initially

### Status

● Open

### Subject

jQuery tablesorter pager at the bottom does not show initially

### Version

18.x

19.x

### Category

- Bug

### Feature

Tablesorter

### Resolution status

New

### Submitted by

Philippe Cloutier

### Lastmod by

Philippe Cloutier

### Rating

★★★★★ (0) ?

### Description

jQuery tablesorter allows to control the maximum number of rows to display in a table. When the number of data records exceeds that maximum, the pager widget or the pager plugin paginates the data on multiple pages. tablesorter, for example on tiki-listpages.php, therefore displays a pager area which at the top of each table. This area provides controls to change the maximum number of rows in a page and to select the page to display, as can be seen in the attached screenshot.

This area can not only display at the top of tables, but also at the bottom, so that when one scrolls through a dataset from start to finish, there is no need to go back to the top to continue to the next page. There is however an optimization so that the pager does not display twice at the same time in the viewport. lib/core/Table/Code/Bind.php line 33-39 (in Tiki 18) either show or hide the bottom pager:



```
if (this.config.pager.endRow - this.config.pager.startRow > 15) { $('div#listpages1-pager.ts-pager-bottom').css('display', 'block'); } else { $('div#listpages1-pager.ts-pager-bottom').css('display', 'none'); }
```

This is based on a rule of thumb which estimates that a viewport fits 15 rows. When browsing 70 records and viewing records 1 to 25, endRow has the value 25 and startRow has the value 0, so the difference between the 2 is 25, which is more than 15. Therefore, the bottom pager's div is displayed.

This code is run whenever the pager is used, plus at page load. The code works fine once the page

has finished loading, but on page load, it is unfortunately fragile. When this code is first run, `endRow` has the value 0, so the difference is always 0 and display is always set to none. The initial display is fine in Tiki 15 up to 17 because this code (which runs when the `tablesorter-ready` event occurs) runs several times during page load, and `endRow` has the correct value the last time the code runs. In Tiki 18 the code only runs once per page load. This would be a good thing for performance, except that this one run is unfortunately too early, so the difference is always 0.

As I verified Tiki's related code seems unchanged between Tiki 17 and 18, I imagine this regression comes from the upgrade of jQuery tablesorter from 2.28.5 to 2.31.1. This persists in Tiki 19, and in trunk as of r70207.

### Solution

The ideal fix would be to run the code once at the right time. The exact point from which the handler will work is after the tablesorter filter widget has finished initializing. So this could be fixed by triggering `tablesorter-ready` after



```
tsf.filterInitComplete( c );
```

in the filter widget's `completeInit` function. Unfortunately, that would require modifying a vendor file (`vendor_bundled/vendor/mottie/tablesorter/js/jquery.tablesorter.combined.js`), so that's not really cleaner unless it can be done upstream.

### Workaround

The attached patch fixes with a failsafe that displays the bottom pager when the handler is unable to determine whether it should display or not.

### Importance

3

### Easy to solve?

5

### Priority

15

### Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on [show2.tiki.org](http://show2.tiki.org)

Version: `trunk` ▼

### Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on [show.tikiwiki.org](http://show.tikiwiki.org)

Version: `18.x` ▼

### Ticket ID

7097

### Created

Monday 17 June, 2019 20:39:19 GMT-0000  
by Philippe Cloutier

### LastModif

Tuesday 18 June, 2019 17:01:58 GMT-0000

### Comments

## Attachments

filename	created	hits	comment	version	filetype
 tablesorter_display_bottom_pager.diff	17 Jun 19 20:40 GMT-0000	0			
 tablesorter pager.png	17 Jun 19 20:40 GMT-0000	0			

The original document is available at

<https://dev.tiki.org/item7097-jQuery-tablesorter-pager-at-the-bottom-does-not-show-initially>