Plugin Fancy Table

Use this wiki plugin to display data using the odd/even table style. Settings allow the table to be sortable by multiple rows, cause rows to span multiple columns and vice versa, set individual column widths and align text horizontally and vertically. Beginning with Tiki12 add sorting, filtering and pagination using the tablesorter parameters (separate tab below).

Parameters

Introduced in Tiki 1.
Go to the source code
Preferences required: wikiplugin_fancytable

Parameters	Accepted Values	Description	Default	Since
(body of plugin)		Rows separated by `>>` in the header; for the table body, one row per line. Cells separated by `||` (since Tiki4) or `~||~` in both cases.		
`tstotalformat`		Format for table totals (click here for patterns). Example: `#,###.`		
`colwidths`		Column widths followed by "px" for pixels or "%" for percentages. Each column separated by `||`.		4.1
`headclass`		CSS class to apply to the heading row.		1
`head`		Header rows of the table. Use `>>` to separate multiple rows.		1
`colaligns`	text	Table body column horizontal alignments, separated by `||`. Choices: `left`, `right`, `center`, `justify`		4.1
`colvaligns`	text	Table body column vertical alignments, separated by `||`. Choices: `top`, `middle`, `bottom`, `baseline`		4.1
`headaligns`	text	Horizontal alignments for header cells, separated by `||`. Choices: `left`, `right`, `center`, `justify`		4.1
`headvaligns`	text	Vertical alignments for header cells, separated by `||`". Choices: `top`, `middle`, `bottom`, `baseline`		4.1

Go to the source code

Parameters	Accepted Values	Description	Default	Since
`sortable`	any string except for HTML and PHP tags	Serves as the overall switch for turning jQuery Tablesorter on (also for filtering) as well as overall sort settings. Enter `y` to allow sorting and `n` to disallow (n is the default). Enter `type:save` to allow sorts to be saved between page refreshes. Enter `type:reset;text:*****` to allow sorting and show an unsort button with custom text. Enter `type:savereset;text:buttontext` to allow the same for saved sorts.	n	12.0
`tsfilters`	any string except for HTML and PHP tags	Enter `y` for a blank text filter on all columns, or `n` for no filters. Or set custom column filters separated by `|` for each column for the following filter choices and parameters: Text - `type:text;placeholder:xxxx` (For PluginTrackerlist this will be an exact search, for other plugins partial values will work.) From Tiki 18, you can add initial:t option to allow prefix search for text filter. E.g. `type:text;initial:t` Dropdown - `type:dropdown;placeholder:****;empty:****;option:****;option:****;option:****` Options generated automatically if not set and the `server` parameter is not `y`. Use `value=Display label` to have the option value be different than the displayed label in the dropdown. Use `empty:Display label` to include an option with the specified label that will filter only empty rows. Only used if other options are not specified manually. Date range - `type:date;format:yy-mm-dd;from:2013-06-30;to:2020-12-31` (from and to values set defaults for these fields when user clicks on the input field)Beware that items with empty date values will not be shown when default date range filters are applied. Numeric range - `type:range;from:0;to:50` No filter - `type:nofilter` For example: `tsfilters="type:dropdown;placeholder:Type to filter..."` would result in a dropdown filter on the first column with all unique values in that column in the dropdown list.		12.0
`tscolselect`	any string except for HTML and PHP tags	Add a button for hiding and re-showing columns. Also sets priority for dropping columns when browser is too narrow. Set each column to a number between 1 and 6 (1 is highest priority and last to be dropped) or to `critical` to never hide or drop. An example with 4 columns:`tscolselect="critical|4|5|6"`		14.0
`tsfilteroptions`	any string except for HTML and PHP tags	The following options are available: `reset` (adds button to take off filters), and `hide` (Filters are revealed upon mouseover. Hide doesn't work when date and range filters are used.). To use both, set `tsfilteroptions="type:reset;text:button text;style:hide"`		12.0
`tspaginate`	any string except for HTML and PHP tags	Enter `y` to set default values based on the site setting for maximum records in listings (on the pagination table of the Look & Feel admin panel). Set to `n` (and `server` cannot be set to `y`) for no pagination. Set custom values as in the following example: `max:40;expand:60;expand:100;expand:140`		12.0
`sortList`	any string except for HTML and PHP tags	Bracketed numbers for column number (first column = 0) and sort direction (= ascending, `1` = descending, `n` = no sort, `y` = allow sorting but no pre-sort), for example: `[0,y],[1,0],[2,n]`. If the first pre-sorted or no filter column is not the first column, then you should use the `y` parameter (as in `[0,y]`) to assign all previous columns.		12.0
`tstotaloptions`	any string except for HTML and PHP tags	Pipe-separated options for totals for each column which are set in the `tstotals` parameter: **format** - overrides the default number format set in tstotalformat **ignore** - column will be excluded from total calculations set in the `tstotals` parameter. Remember to include any columns that will be added for row totals set in the `tstotals` parameter. Example:`ignore|ignore|#,###.`		15.0

`tstotals`	any string except for HTML and PHP tags	Generate table, column or row totals and set labels, using either `y` or the following syntax for each total: `type:value;formula:value;filter:value;label:value`. Setting to (`y`) will add one column total row set as follows: `type:col;formula:sum;filter:visible;label:Totals`. Separate multiple total row or column settings with a pipe (`|`). Set `type` only to generate sums of visible values. In all cases, cells in columns set to be ignored in the `tstotaloptions` parameter will not be included in calculations. Instructions for each total option follows: **type** - Choices are `col`, for a row of columns totals, `row`, for a column of row totals, and `all` to include amounts from all cells in the table body in a row total. **formula** - set what the calculation is. Choices are: `sum`, `count`, `max`, `min`, `mean`, `median`, `mode`, `range`, `varp`, `vars`, `stdevp`, `stdevs`. Click here for a description of these options. **filter** - Determines the rows that will be included in the calculations (so no impact if `type:row`). Also, when `server="y"`, only visible cells are included regardless of this setting. Choices are `visible` (rows visible on the page), `unfiltered` (all rows not filtered out, even if not visible because of pagination), `all` (all rows, even if filtered or hidden), and `hidden` (rows filtered out and rows hidden due to pagination). **label** - set the label for the total, which will appear in the header for row totals and in the first column for column totals.	15.0
`tsortcolumns`	any string except for HTML and PHP tags	Set `type` and `group` settings for each column, using `|` to separate columns. To show group headings upon page load, the Pre-sorted Columns parameter (`0sortList`) will need to be set for a column with a group setting. Group will not work in plugins where the Server Side Processing parameter (`server`) is set to `y`. Set `type` to one of the following: `text`, `digit`, `currency`, `percent`, `usLongDate`, `shortDate`, `isoDate`, `dateFormat-ddmmyyyy`, `ipAddress`, `url`, `time`	12.0

Prerequisites and Tips

- In order to use tablesorter,
  - Javascript must be enabled (enabled by default at **Control Panels > Features > Programmer (tab)**
  - jQuery Sortable Tables must be activated (at **Control Panels > Features > Interface (tab)**
- Sorting a table with cells that span multiple columns or rows can give unexpected results
- Any `|` that you don't want interpreted as cell dividers may need to be placed inside of the `~np~` and `~/np~` tags.

Examples

Sorting, Filtering and Paginating

There are a number of options that allow the user to filter, sort and paginate a table. Below is an example that demonstrates many of these options.

This code:

```
{FANCYTABLE(head=" Fruit | Number | Vegetables | Date | Amount" sortable="type:reset"
sortList="[0,0],[1,0]"
tsortcolumns="type:text;group:letter|type:digit;group:number|type:word;group:word|type:shortDa
te;group:date-year|type:digit;group:number-10" tsfilters="type:text;placeholder:Type to
filter...|type:range;from:0;to:200|type:dropdown|type:date|type:range;from:5;to:60;style:popup
" tsfilteroptions="type:reset" tspaginate="max:5")}
apples|10 | onions | 2/1/2010|40
lemons|200 | cucumbers | 3/3/2011|50
```

```
oranges|100 | carrots | 4/3/2012|60
lemons |10| tomatoes|1/2/2011|30
berries |50 | peas|6/6/2011|55
apples|10 | onions | 2/1/2010|66
lemons|200 | cucumbers | 3/3/2011|66
oranges|100 | carrots | 4/3/2012|30
lemons |10| tomatoes|1/2/2011|22
berries |50 | peas|6/6/2011|77
apples|10 | onions | 2/1/2010|77
lemons|200 | cucumbers | 3/3/2011|34
oranges|100 | carrots | 4/3/2012|56
lemons |10| tomatoes|1/2/2011|67
berries |50 | peas|6/6/2011|78
apples|10 | onions | 2/1/2010|89
lemons|200 | cucumbers | 3/3/2011|12
oranges|100 | carrots | 4/3/2012|43
lemons |10| tomatoes|1/2/2011|32
berries |50 | peas|6/6/2011|76
apples|10 | onions | 2/1/2010|76
lemons|200 | cucumbers | 3/3/2011|87
oranges|100 | carrots | 4/3/2012|11
lemons |10| tomatoes|1/2/2011|22
berries |50 | peas|6/6/2011|6
{FANCYTABLE}
```

Would produce:

Fruit	Number	Vegetables	Date	Amount
apples	10	onions	2/1/2010	40
lemons	200	cucumbers	3/3/2011	50
oranges	100	carrots	4/3/2012	60
lemons	10	tomatoes	1/2/2011	30
berries	50	peas	6/6/2011	55
apples	10	onions	2/1/2010	66
lemons	200	cucumbers	3/3/2011	66
oranges	100	carrots	4/3/2012	30
lemons	10	tomatoes	1/2/2011	22
berries	50	peas	6/6/2011	77
apples	10	onions	2/1/2010	77
lemons	200	cucumbers	3/3/2011	34

Fruit	Number	Vegetables	Date	Amount
oranges	100	carrots	4/3/2012	56
lemons	10	tomatoes	1/2/2011	67
berries	50	peas	6/6/2011	78
apples	10	onions	2/1/2010	89
lemons	200	cucumbers	3/3/2011	12
oranges	100	carrots	4/3/2012	43
lemons	10	tomatoes	1/2/2011	32
berries	50	peas	6/6/2011	76
apples	10	onions	2/1/2010	76
lemons	200	cucumbers	3/3/2011	87
oranges	100	carrots	4/3/2012	11
lemons	10	tomatoes	1/2/2011	22
berries	50	peas	6/6/2011	6

Automatic Totals

Automatic columns, row and table totals can be added. In addition to sums, the totals can be the count, max, min, mean, median, mode, range, varp, vars, stdevp, and stdevs (click here for a description of these options). The number format can also be set to apply to all totals or specific formats for each. The example below has all three types of totals (column, row and table) as well as variations showing totals based on whether values are hidden or not, including due to filtering.

This code:

```
{FANCYTABLE(head=" Fruit | Number | Vegetables |  Amount" sortable="type:reset"
sortList="[0,0],[1,0],[2,y],[3,y],[4,n]" colaligns="left|right|left|right"
tsortcolumns="type:text|type:digit|type:word|type:digit" tsfilters="type:text;placeholder:Type
to filter...|type:range;from:0;to:200|type:dropdown|type:range;from:5;to:60;style:popup"
tsfilteroptions="type:reset" tspaginate="max:5"
tstotals="type:col|type:col;filter:hidden|type:col;filter:all|type:all|type:all;filter:hidden|
type:all;filter:all|type:row" tstotaloptions="ignore||ignore|" tstotalformat="#,###.")}
apples|10 | onions | 40
lemons|200 | cucumbers | 50
... (leaving out some rows for illustration)
lemons |10| tomatoes|22
berries |50 | peas|6
{FANCYTABLE}
```

Would produce:

Fruit	Number	Vegetables	Amount
apples	10	onions	40
lemons	200	cucumbers	50
oranges	100	carrots	60
lemons	10	tomatoes	30
berries	50	peas	55
apples	10	onions	66
lemons	200	cucumbers	66
oranges	100	carrots	30
lemons	10	tomatoes	22
berries	50	peas	77
apples	10	onions	77
lemons	200	cucumbers	34
oranges	100	carrots	56
lemons	10	tomatoes	67
berries	50	peas	78
apples	10	onions	89
lemons	200	cucumbers	12
oranges	100	carrots	43

Fruit	Number	Vegetables	Amount
lemons	10	tomatoes	32
berries	50	peas	76
apples	10	onions	76
lemons	200	cucumbers	87
oranges	100	carrots	11
lemons	10	tomatoes	22
berries	50	peas	6
Column sum			
Column sum hidden			
Column sum all			
Table sum			
Table sum hidden			
Table sum all			

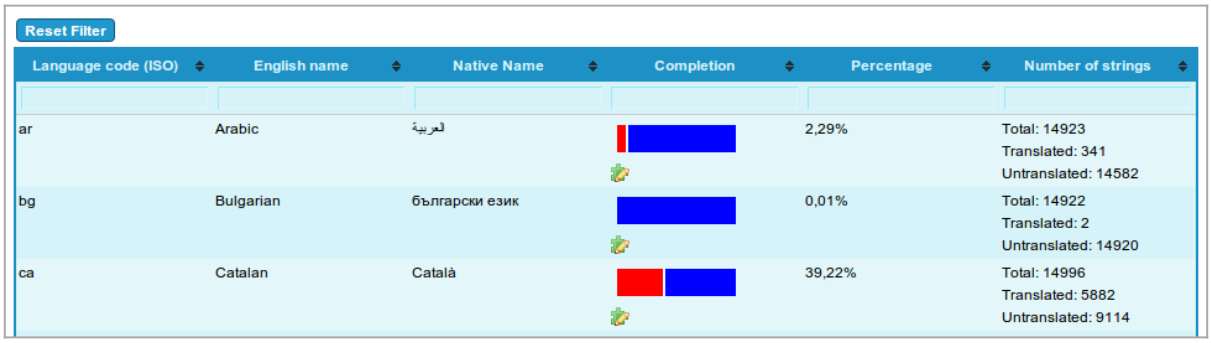
Multiple live filtering

In a simpler example, all you need to do is set `sortable` to `y`, in addition to being able to sort each column, you also get a line with fields to filter your data by matching a search string in one or more columns.

Example from http://i18n.tiki.org/Status :
This code:

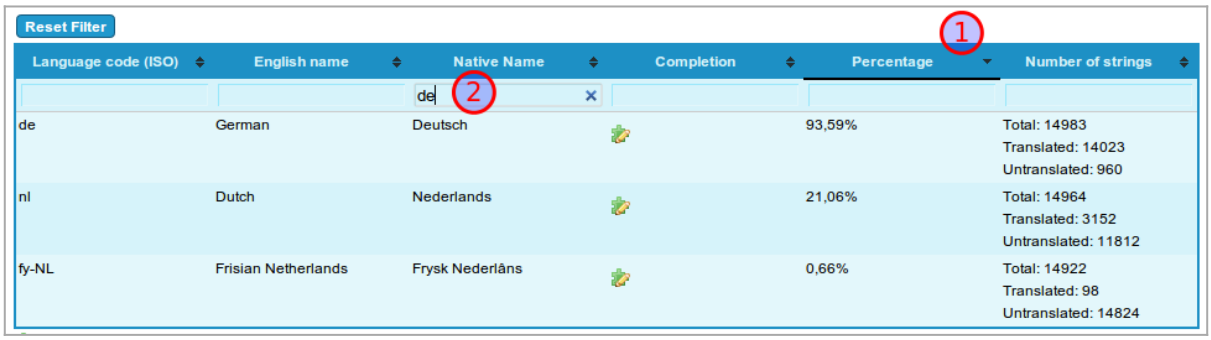
```
{FANCYTABLE(head="Language code (ISO)|English name|Native Name|Completion|Percentage|Number of strings", sortable="y")}
ar | Arabic | العربية | {gauge value="2,29" size="100" showvalue="false"} | 2,29% | Total: 14923 %%% Translated: 341 %%% Untranslated: 14582
bg | Bulgarian | български език | {gauge value="0,01" size="100" showvalue="false"} | 0,01% | Total: 14922 %%% Translated: 2 %%% Untranslated: 14920
ca | Catalan | Català | {gauge value="39,22" size="100" showvalue="false"} | 39,22% | Total: 14996 %%% Translated: 5882 %%% Untranslated: 9114
...
{FANCYTABLE}
```

Would produce (upper part):



Click to expand

Then you can sort by one or more columns, and filter you results by searching for some string in one or more columns. In the example below, sorted by one column ("Percentage"), and filtered by content in another column ("Native name" containing "de"):



Click to expand

Cells Spanning More Than One Row Or More Than One Col

If the cell begins with (multiple) \, then the cell spans (multiple) rows. Define lesser cols in the following rows. If the cell begins with (multiple) /, then the cell spans (multiple) cols. Define lesser cols in this row.

This code:

```
{FANCYTABLE( head=" Col 1 | Col 2 ")}
\\1,1 (spans 2 rows)|1,2
2,2
//3,1 (spans 2 cols)
{FANCYTABLE}
```

Would produce:

Col 1	Col 2
1,1 (spans 2 rows)	1,2
	2,2
3,1 (spans 2 cols)	

Related pages

- PluginSplit - arranges elements into an unformatted table
- jQuery
- Tablesorter - jQuery plugin used for sorting, filtering and pagination features
- http://mottie.github.io/tablesorter/docs/ - documentation for the jQuery plugin used for the sorting, filtering and pagination features