TableTools example Row selection - row selector on specific cells

By default, TableTools' row selector option will register a row selection click on any part of the row. Although this is often desirable, you might wish at times to limit the row selection to just a single column, or other elements in the row. This might be useful, for example, with [Editor's](http://editor.datatables.net) inline editing, so you don't select the row on click of a cell that is to be edited.

The sRowSelector method provides this ability, allowing a custom jQuery selector to be passed in. TableTools will use the parent row of any element that is selected by the end user.

In this case, the row selector is attached to the cells in the first column of the table, and [Font Awesome](http://fortawesome.github.io/Font-Awesome) is used to display a checkbox indicating the selection state of the row, in addition to the row background colouring.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | Position | Office | Age | Start date | Salary |

* Javascript
* HTML
* CSS
* Ajax
* Server-side script

The Javascript shown below is used to initialise the table shown in this example:

$(document).ready(function() { $('#example').DataTable( { ajax: "../../../examples/ajax/data/objects.txt", columns: [ { data: null, defaultContent: '', orderable: false }, { data: 'name' }, { data: 'position' }, { data: 'office' }, { data: 'extn' }, { data: 'start\_date' }, { data: 'salary' } ], order: [ 1, 'asc' ], dom: 'T<"clear">lfrtip', tableTools: { sRowSelect: 'os', sRowSelector: 'td:first-child', aButtons: [ 'select\_all', 'select\_none' ] } } ); } );

In addition to the above code, the following Javascript library files are loaded for use in this example:

* [../../../media/js/jquery.js](http://docs.google.com/media/js/jquery.js)
* [../../../media/js/jquery.dataTables.js](http://docs.google.com/media/js/jquery.dataTables.js)
* [../js/dataTables.tableTools.js](http://docs.google.com/js/dataTables.tableTools.js)

The HTML shown below is the raw HTML table element, before it has been enhanced by DataTables:

This example uses a little bit of additional CSS beyond what is loaded from the library files (below), in order to correctly display the table. The additional CSS used is shown below:

tr td:first-child { text-align: center; } tr td:first-child:before { content: "\f096"; /\* fa-square-o \*/ font-family: FontAwesome; } tr.selected td:first-child:before { content: "\f046"; /\* fa-check-square-o \*/ }

The following CSS library files are loaded for use in this example to provide the styling of the table:

* [../../../media/css/jquery.dataTables.css](http://docs.google.com/media/css/jquery.dataTables.css)
* [../css/dataTables.tableTools.css](http://docs.google.com/css/dataTables.tableTools.css)
* [//cdnjs.cloudflare.com/ajax/libs/font-awesome/4.0.3/css/font-awesome.css](http://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.0.3/css/font-awesome.css)

This table loads data by Ajax. The latest data that has been loaded is shown below. This data will update automatically as any additional data is loaded.

The script used to perform the server-side processing for this table is shown below. Please note that this is just an example script using PHP. Server-side processing scripts can be written in any language, using [the protocol described in the DataTables documentation](http://datatables.net/manual/server-side).

Other examples

[**Examples**](http://docs.google.com/index.html)

* [Basic initialisation](http://docs.google.com/simple.html)
* [Setting the SWF path](http://docs.google.com/swf_path.html)
* [Initialisation with `new`](http://docs.google.com/new_init.html)
* [Defaults](http://docs.google.com/defaults.html)
* [Row selection - single row select](http://docs.google.com/select_single.html)
* [Row selection - multi-row select](http://docs.google.com/select_multi.html)
* [Row selection - operating system style](http://docs.google.com/select_os.html)
* [Row selection - row selector on specific cells](http://docs.google.com/select_column.html)
* [Multiple tables](http://docs.google.com/multiple_tables.html)
* [Multiple toolbars](http://docs.google.com/multi_instance.html)
* [Button collections](http://docs.google.com/collection.html)
* [Plug-in button types](http://docs.google.com/plug-in.html)
* [Custom button text](http://docs.google.com/button_text.html)
* [Button arrangement](http://docs.google.com/alter_buttons.html)
* [Ajax loaded data](http://docs.google.com/ajax.html)
* [PDF message](http://docs.google.com/pdf_message.html)
* [Bootstrap styling](http://docs.google.com/bootstrap.html)
* [jQuery UI styling](http://docs.google.com/jqueryui.html)

Please refer to the [DataTables documentation](http://www.datatables.net) for full information about its API properties and methods.

Additionally, there are a wide range of [extras](http://www.datatables.net/extras) and [plug-ins](http://www.datatables.net/plug-ins) which extend the capabilities of DataTables.

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