FixedColumns example DataTables API

This example shows how the cells in the fixed columns operate seamlessly with the [DataTables API](http://datatables.net/manual/api). Specifically in this case, a click event is used to show the data for the cell that was clicked on by using the [cell()](http://datatables.net/reference/api/cell()) selector method and [cell().data()](http://datatables.net/reference/api/cell().data()) to obtain the data.

Obviously this is a trivial use case, but it demonstrates clearly how the cells in the fixed columns operate with the DataTables API selector methods.

Note that the [table().container()](http://datatables.net/reference/api/table().container()) method is used to get the table's wrapper div to use as the base element for the delegated *click* event. This is appropriate in this case rather than simply using #example since the fixed column elements are not inside the original table element.

Clicked on cell data - new events added at the top

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

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

$(document).ready(function() { var table = $('#example').DataTable( { scrollY: 300, scrollX: true, scrollCollapse: true, paging: false, fixedColumns: true } ); $(table.table().container()).on( 'click', 'td', function () { var cell = table.cell( this ); $('#click-output').prepend( '<div>'+cell.data()+'</div>' ); } ); } );

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

* [//code.jquery.com/jquery-1.12.3.min.js](http://code.jquery.com/jquery-1.12.3.min.js)
* [../../../../media/js/jquery.dataTables.js](http://docs.google.com/media/js/jquery.dataTables.js)
* [../../js/dataTables.fixedColumns.js](http://docs.google.com/js/dataTables.fixedColumns.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:

#click-output { margin-bottom: 1em; padding: 1em; background-color: #f6f6f6; border: 1px solid #999; border-radius: 3px; height: 100px; overflow: auto; }

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/fixedColumns.dataTables.css](http://docs.google.com/css/fixedColumns.dataTables.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

[**Initialisation and options**](http://docs.google.com/initialisation/index.html)

* [Basic initialisation](http://docs.google.com/initialisation/simple.html)
* [Left and right fixed columns](http://docs.google.com/initialisation/left_right_columns.html)
* [Multiple fixed columns](http://docs.google.com/initialisation/two_columns.html)
* [Right column only](http://docs.google.com/initialisation/right_column.html)
* [Column visibility integration](http://docs.google.com/initialisation/colvis.html)
* [Server-side processing](http://docs.google.com/initialisation/server-side-processing.html)
* [CSS row sizing](http://docs.google.com/initialisation/css_size.html)
* [Assigned column width](http://docs.google.com/initialisation/size_fixed.html)
* [Fluid column width](http://docs.google.com/initialisation/size_fluid.html)
* [Index column](http://docs.google.com/initialisation/index_column.html)

[**Integration with other DataTables extensions**](http://docs.google.com/index.html)

* [Select - whole row](http://docs.google.com/select.html)
* [Select - checkboxes](http://docs.google.com/select-checkbox.html)
* [DataTables API](http://docs.google.com/api.html)

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

* [Complex headers](http://docs.google.com/styling/rowspan.html)
* [Column visibility integration](http://docs.google.com/styling/colvis.html)
* [Server-side processing](http://docs.google.com/styling/server-side-processing.html)
* [Individual column filtering](http://docs.google.com/styling/col_filter.html)
* [Right-to-left text direction](http://docs.google.com/styling/rtl.html)
* [Bootstrap](http://docs.google.com/styling/bootstrap.html)
* [Bootstrap 4](http://docs.google.com/styling/bootstrap4.html)
* [Foundation](http://docs.google.com/styling/foundation.html)
* [Semantic UI](http://docs.google.com/styling/semanticui.html)
* [jQuery UI](http://docs.google.com/styling/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 [extensions](http://www.datatables.net/extensions) and [plug-ins](http://www.datatables.net/plug-ins) which extend the capabilities of DataTables.

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