FixedColumns example Index column

A typical interaction to want to perform with a fixed column, is an index column. A method for how this can be achieved with FixedColumns is shown in this example, building on the [index column](http://datatables.net/examples/api/counter_column) example for DataTables. Also shown in this example is how the fixed column can be styled with CSS to show it more prominently.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | First name | Last name | Position | Office | Age | Start date | Salary | Extn. | E-mail |
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|  | Tatyana | Fitzpatrick | Regional Director | London | 19 | 2010/03/17 | $385,750 | 1965 | t.fitzpatrick@datatables.net |
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|  | Dai | Rios | Personnel Lead | Edinburgh | 35 | 2012/09/26 | $217,500 | 2290 | d.rios@datatables.net |
|  | Jenette | Caldwell | Development Lead | New York | 30 | 2011/09/03 | $345,000 | 1937 | j.caldwell@datatables.net |
|  | Yuri | Berry | Chief Marketing Officer (CMO) | New York | 40 | 2009/06/25 | $675,000 | 6154 | y.berry@datatables.net |
|  | Caesar | Vance | Pre-Sales Support | New York | 21 | 2011/12/12 | $106,450 | 8330 | c.vance@datatables.net |
|  | Doris | Wilder | Sales Assistant | Sidney | 23 | 2010/09/20 | $85,600 | 3023 | d.wilder@datatables.net |
|  | Angelica | Ramos | Chief Executive Officer (CEO) | London | 47 | 2009/10/09 | $1,200,000 | 5797 | a.ramos@datatables.net |
|  | Gavin | Joyce | Developer | Edinburgh | 42 | 2010/12/22 | $92,575 | 8822 | g.joyce@datatables.net |
|  | Jennifer | Chang | Regional Director | Singapore | 28 | 2010/11/14 | $357,650 | 9239 | j.chang@datatables.net |
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|  | Prescott | Bartlett | Technical Author | London | 27 | 2011/05/07 | $145,000 | 3606 | p.bartlett@datatables.net |
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|  | Vivian | Harrell | Financial Controller | San Francisco | 62 | 2009/02/14 | $452,500 | 9422 | v.harrell@datatables.net |
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|  | Zorita | Serrano | Software Engineer | San Francisco | 56 | 2012/06/01 | $115,000 | 4389 | z.serrano@datatables.net |
|  | Jennifer | Acosta | Junior Javascript Developer | Edinburgh | 43 | 2013/02/01 | $75,650 | 3431 | j.acosta@datatables.net |
|  | Cara | Stevens | Sales Assistant | New York | 46 | 2011/12/06 | $145,600 | 3990 | c.stevens@datatables.net |
|  | Hermione | Butler | Regional Director | London | 47 | 2011/03/21 | $356,250 | 1016 | h.butler@datatables.net |
|  | Lael | Greer | Systems Administrator | London | 21 | 2009/02/27 | $103,500 | 6733 | l.greer@datatables.net |
|  | Jonas | Alexander | Developer | San Francisco | 30 | 2010/07/14 | $86,500 | 8196 | j.alexander@datatables.net |
|  | Shad | Decker | Regional Director | Edinburgh | 51 | 2008/11/13 | $183,000 | 6373 | s.decker@datatables.net |
|  | Michael | Bruce | Javascript Developer | Singapore | 29 | 2011/06/27 | $183,000 | 5384 | m.bruce@datatables.net |
|  | Donna | Snider | Customer Support | New York | 27 | 2011/01/25 | $112,000 | 4226 | d.snider@datatables.net |

* 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: "300px", scrollX: true, scrollCollapse: true, paging: false, columnDefs: [ { sortable: false, "class": "index", targets: 0 } ], order: [[ 1, 'asc' ]], fixedColumns: true } ); table.on( 'order.dt search.dt', function () { table.column(0, {search:'applied', order:'applied'}).nodes().each( function (cell, i) { cell.innerHTML = i+1; } ); } ).draw(); } );

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:

/\* Ensure that the demo table scrolls \*/ th, td { white-space: nowrap; } div.dataTables\_wrapper { width: 800px; margin: 0 auto; } /\* Styling for the index columns \*/ th.index, td.index { background-color: white !important; border-top: 1px solid white !important; border-bottom: none !important; } div.DTFC\_LeftHeadWrapper table { border-bottom: 1px solid white !important; } div.DTFC\_LeftHeadWrapper th { border-bottom: 1px solid white !important; } div.DTFC\_LeftBodyWrapper { border-right: 1px solid black; } div.DTFC\_LeftFootWrapper th { border-top: 1px solid white !important; }

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/index.html)

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

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

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