Responsive example Custom child row renderer

The child row's for a collapsed table in Responsive, by default, show a ul/li list of the data from the hidden columns. The [responsive.details.rendererR](http://datatables.net/extensions/responsive/reference/option/responsive.details.renderer) option provide the ability to create your own custom renderer. It is given two parameters: the DataTables API instance for the table and the row index to use.

This example shows the [cells()DT](http://datatables.net/reference/api/cells()) method being used to select the hidden columns and constructing a table of the data. You could refine the selector to select only certain columns, or show all columns, etc.

| First name | Last name | Position | Office | Age | Start date | Salary | Extn. | E-mail |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tiger | Nixon | System Architect | Edinburgh | 61 | 2011/04/25 | $320,800 | 5421 | t.nixon@datatables.net |
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| 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 |
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| 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() { $('#example').DataTable( { responsive: { details: { renderer: function ( api, rowIdx ) { // Select hidden columns for the given row var data = api.cells( rowIdx, ':hidden' ).eq(0).map( function ( cell ) { var header = $( api.column( cell.column ).header() ); return '<tr>'+ '<td>'+ header.text()+':'+ '</td> '+ '<td>'+ api.cell( cell ).data()+ '</td>'+ '</tr>'; } ).toArray().join(''); return data ? $('<table/>').append( data ) : false; } } } } ); } );

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.responsive.js](http://docs.google.com/js/dataTables.responsive.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:

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

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

* [Class name](http://docs.google.com/initialisation/className.html)
* [Configuration option](http://docs.google.com/initialisation/option.html)
* [`new` constructor](http://docs.google.com/initialisation/new.html)
* [Ajax data](http://docs.google.com/initialisation/ajax.html)
* [Default initialisation](http://docs.google.com/initialisation/default.html)

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

* [Bootstrap styling](http://docs.google.com/styling/bootstrap.html)
* [Foundation styling](http://docs.google.com/styling/foundation.html)
* [Vertical scrolling](http://docs.google.com/styling/scrolling.html)
* [Compact styling](http://docs.google.com/styling/compact.html)

[**Display control**](http://docs.google.com/display-control/index.html)

* [Automatic column hiding](http://docs.google.com/display-control/auto.html)
* [Class control](http://docs.google.com/display-control/classes.html)
* [Assigned class control](http://docs.google.com/display-control/init-classes.html)
* [With FixedHeader](http://docs.google.com/display-control/fixedHeader.html)
* [Complex headers (rowspan / colspan)](http://docs.google.com/display-control/complexHeader.html)

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

* [Disable child rows](http://docs.google.com/disable-child-rows.html)
* [Column controlled child rows](http://docs.google.com/column-control.html)
* [Column control - right](http://docs.google.com/right-column.html)
* [Whole row child row control](http://docs.google.com/whole-row-control.html)
* [Custom child row renderer](http://docs.google.com/custom-renderer.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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