Responsive example Modal details display

Responsive's default mode to show information that is hidden due to columns being removed from the table is to show the hidden details in a child row ([row().child()](http://datatables.net/reference/api/row().child())). However, you may wish to use the child row for other purposes or you may simply wish to use a different method of showing the row's information. This can be achieved with the modal display type.

Display types are set using the [responsive.details.display](http://datatables.net/reference/option/responsive.details.display) option which should point to a function that will handle the child row display - in the example show here we use $.fn.dataTable.Responsive.display.modal() which will return a suitable function. We use the options for this function to specify a header for the modal - if you do not wish to show a header, simply don't specify this option.

The display options which are built into Responsive are available in the $.fn.dataTable.Responsive.display object. See [responsive.details.display](http://datatables.net/reference/option/responsive.details.display) for a full list of the options available.

Additionally, the [responsive.details.renderer](http://datatables.net/reference/option/responsive.details.renderer) option is used here to display the full data for the row, rather than just the hidden columns, which is the default behaviour.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| Jenette | Caldwell | Development Lead | New York | 30 | 2011/09/03 | $345,000 | 1937 | j.caldwell@datatables.net |
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| Doris | Wilder | Sales Assistant | Sidney | 23 | 2010/09/20 | $85,600 | 3023 | d.wilder@datatables.net |
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| Olivia | Liang | Support Engineer | Singapore | 64 | 2011/02/03 | $234,500 | 2120 | o.liang@datatables.net |
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| Hermione | Butler | Regional Director | London | 47 | 2011/03/21 | $356,250 | 1016 | h.butler@datatables.net |
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| 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() { $('#example').DataTable( { responsive: { details: { display: $.fn.dataTable.Responsive.display.modal( { header: function ( row ) { var data = row.data(); return 'Details for '+data[0]+' '+data[1]; } } ), renderer: function ( api, rowIdx, columns ) { var data = $.map( columns, function ( col, i ) { return '<tr>'+ '<td>'+col.title+':'+'</td> '+ '<td>'+col.data+'</td>'+ '</tr>'; } ).join(''); return $('<table/>').append( data ); } } } } ); } );

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

[**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)

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

* [Immediately show hidden details](http://docs.google.com/immediateShow.html)
* [Modal details display](http://docs.google.com/modal.html)
* [Bootstrap modal](http://docs.google.com/bootstrap-modal.html)
* [Bootstrap 4 modal](http://docs.google.com/bootstrap4-modal.html)
* [Foundation modal](http://docs.google.com/foundation-modal.html)
* [Semantic UI modal](http://docs.google.com/semanticui-modal.html)
* [jQuery UI modal](http://docs.google.com/jqueryui-modal.html)

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

* [Automatic column hiding](http://docs.google.com/column-control/auto.html)
* [Column priority](http://docs.google.com/column-control/columnPriority.html)
* [Class control](http://docs.google.com/column-control/classes.html)
* [Assigned class control](http://docs.google.com/column-control/init-classes.html)
* [With Buttons - Column visibility](http://docs.google.com/column-control/column-visibility.html)
* [With FixedHeader](http://docs.google.com/column-control/fixedHeader.html)
* [With ColReorder](http://docs.google.com/column-control/colreorder.html)

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

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

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

* [Bootstrap styling](http://docs.google.com/styling/bootstrap.html)
* [Bootstrap 4 styling](http://docs.google.com/styling/bootstrap4.html)
* [Foundation styling](http://docs.google.com/styling/foundation.html)
* [Semantic UI](http://docs.google.com/styling/semanticui.html)
* [jQuery UI styling](http://docs.google.com/styling/jqueryui.html)
* [Compact styling](http://docs.google.com/styling/compact.html)
* [Vertical scrolling](http://docs.google.com/styling/scrolling.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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