Responsive example Bootstrap 4 modal

This example shows the [responsive.details.display](http://datatables.net/reference/option/responsive.details.display) option being used with the modal option, which, when used with the Bootstrap 4 integration for Responsive, will use Bootstrap's native modal display.

The built-in modal display option should be executed as a function with optional parameters passed in to control the behaviour of the modal display. In the case of Bootstrap 4 it has only a header option which is a function that should return the title for the modal. If you do not wish to display a title, simply don't use this option.

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) as this looks a bit better in a modal!

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First name | Last name | Position | Office | Age | Start date | Salary | Extn. | E-mail |
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| Gavin | Joyce | Developer | Edinburgh | 42 | 2010/12/22 | $92,575 | 8822 | g.joyce@datatables.net |
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| Gavin | Cortez | Team Leader | San Francisco | 22 | 2008/10/26 | $235,500 | 2860 | g.cortez@datatables.net |
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| Zorita | Serrano | Software Engineer | San Francisco | 56 | 2012/06/01 | $115,000 | 4389 | z.serrano@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: { display: $.fn.dataTable.Responsive.display.modal( { header: function ( row ) { var data = row.data(); return 'Details for '+data[0]+' '+data[1]; } } ), renderer: $.fn.dataTable.Responsive.renderer.tableAll( { tableClass: 'table' } ) } } } ); } );

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)
* [//maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js](http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js)
* [../../../../media/js/jquery.dataTables.js](http://docs.google.com/media/js/jquery.dataTables.js)
* [../../../../media/js/dataTables.bootstrap4.js](http://docs.google.com/media/js/dataTables.bootstrap4.js)
* [../../js/dataTables.responsive.js](http://docs.google.com/js/dataTables.responsive.js)
* [../../js/responsive.bootstrap4.js](http://docs.google.com/js/responsive.bootstrap4.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:

* [//cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-alpha.2/css/bootstrap.css](http://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-alpha.2/css/bootstrap.css)
* [../../../../media/css/dataTables.bootstrap4.css](http://docs.google.com/media/css/dataTables.bootstrap4.css)
* [../../css/responsive.bootstrap4.css](http://docs.google.com/css/responsive.bootstrap4.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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