DataTables example Defer rendering

This example simply shows Select being used with DataTables' [deferRender](http://datatables.net/reference/option/deferRender) option. Deferred rendering can be particularly useful when Ajax loading data as it allows DataTables to perform a number of performance enhancing optimisations.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Position | Office | Extn. | Start date | Salary |
| Name | Position | Office | Extn. | Start date | Salary |

* 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( { ajax: '../../../../examples/ajax/data/objects.txt', deferRender: true, columns: [ { data: 'name' }, { data: 'position' }, { data: 'office' }, { data: 'extn' }, { data: 'start\_date' }, { data: 'salary' } ], select: true } ); } );

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.select.js](http://docs.google.com/js/dataTables.select.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/select.dataTables.css](http://docs.google.com/css/select.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**](http://docs.google.com/index.html)

* [Simple initialisation](http://docs.google.com/simple.html)
* [Single item selection](http://docs.google.com/single.html)
* [Multi item selection](http://docs.google.com/multi.html)
* [Cell selection](http://docs.google.com/cells.html)
* [Checkbox selection](http://docs.google.com/checkbox.html)
* [Internationalisation](http://docs.google.com/i18n.html)
* [Blur selection](http://docs.google.com/blurable.html)
* [Defer rendering](http://docs.google.com/deferRender.html)
* [Buttons](http://docs.google.com/buttons.html)
* [Retain selection on reload](http://docs.google.com/reload.html)

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

[**API**](http://docs.google.com/api/index.html)

* [Get selected items](http://docs.google.com/api/get.html)
* [Select items](http://docs.google.com/api/select.html)
* [Events](http://docs.google.com/api/events.html)
* [Events (cancellable)](http://docs.google.com/api/cancellableEvents.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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