DataTables example Multiple tables

Often you might wish to initialise multiple tables with a single statement. This is trivially done by using a jQuery selector which will pick up multiple tables.

The tables are independent for user control (i.e. user controlled paging on one table does not effect the others), but they do share the initialisation parameters given (for example if you specific the Spanish language file, all tables will be shown in Spanish). Additionally, the API can be used to manipulate both together, or independently.

The example below shows two tables initialised with a single line of code, through the use of the table.display selector (i.e. select all elements which have the class of table.display (which is suitable in this example, you might wish to use a different selector).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Position | Office | Age | Salary |
| Name | Position | Office | Age | Salary |
| Tiger Nixon | System Architect | Edinburgh | 61 | $320,800 |
| Cedric Kelly | Senior Javascript Developer | Edinburgh | 22 | $433,060 |
| Sonya Frost | Software Engineer | Edinburgh | 23 | $103,600 |
| Quinn Flynn | Support Lead | Edinburgh | 22 | $342,000 |
| Dai Rios | Personnel Lead | Edinburgh | 35 | $217,500 |
| Gavin Joyce | Developer | Edinburgh | 42 | $92,575 |
| Martena Mccray | Post-Sales support | Edinburgh | 46 | $324,050 |
| Jennifer Acosta | Junior Javascript Developer | Edinburgh | 43 | $75,650 |
| Shad Decker | Regional Director | Edinburgh | 51 | $183,000 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Position | Office | Age | Salary |
| Name | Position | Office | Age | Salary |
| Jena Gaines | Office Manager | London | 30 | $90,560 |
| Haley Kennedy | Senior Marketing Designer | London | 43 | $313,500 |
| Tatyana Fitzpatrick | Regional Director | London | 19 | $385,750 |
| Michael Silva | Marketing Designer | London | 66 | $198,500 |
| Bradley Greer | Software Engineer | London | 41 | $132,000 |
| Angelica Ramos | Chief Executive Officer (CEO) | London | 47 | $1,200,000 |
| Suki Burks | Developer | London | 53 | $114,500 |
| Prescott Bartlett | Technical Author | London | 27 | $145,000 |
| Timothy Mooney | Office Manager | London | 37 | $136,200 |
| Bruno Nash | Software Engineer | London | 38 | $163,500 |
| Hermione Butler | Regional Director | London | 47 | $356,250 |
| Lael Greer | Systems Administrator | London | 21 | $103,500 |

* Javascript
* HTML
* CSS
* Ajax
* Server-side script

The Javascript shown below is used to initialise the table shown in this example:

$(document).ready(function() { $('table.display').DataTable(); } );

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)

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:

div.dataTables\_wrapper { margin-bottom: 3em; }

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)

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/index.html)

* [Zero configuration](http://docs.google.com/zero_configuration.html)
* [Feature enable / disable](http://docs.google.com/filter_only.html)
* [Default ordering (sorting)](http://docs.google.com/table_sorting.html)
* [Multi-column ordering](http://docs.google.com/multi_col_sort.html)
* [Multiple tables](http://docs.google.com/multiple_tables.html)
* [Hidden columns](http://docs.google.com/hidden_columns.html)
* [Complex headers (rowspan and colspan)](http://docs.google.com/complex_header.html)
* [DOM positioning](http://docs.google.com/dom.html)
* [Flexible table width](http://docs.google.com/flexible_width.html)
* [State saving](http://docs.google.com/state_save.html)
* [Alternative pagination](http://docs.google.com/alt_pagination.html)
* [Scroll - vertical](http://docs.google.com/scroll_y.html)
* [Scroll - vertical, dynamic height](http://docs.google.com/scroll_y_dynamic.html)
* [Scroll - horizontal](http://docs.google.com/scroll_x.html)
* [Scroll - horizontal and vertical](http://docs.google.com/scroll_xy.html)
* [Language - Comma decimal place](http://docs.google.com/comma-decimal.html)
* [Language options](http://docs.google.com/language.html)

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

* [DOM / jQuery events](http://docs.google.com/advanced_init/events_live.html)
* [DataTables events](http://docs.google.com/advanced_init/dt_events.html)
* [Column rendering](http://docs.google.com/advanced_init/column_render.html)
* [Page length options](http://docs.google.com/advanced_init/length_menu.html)
* [Multiple table control elements](http://docs.google.com/advanced_init/dom_multiple_elements.html)
* [Complex headers with column visibility](http://docs.google.com/advanced_init/complex_header.html)
* [Read HTML to data objects](http://docs.google.com/advanced_init/object_dom_read.html)
* [HTML5 data-\* attributes - table options](http://docs.google.com/advanced_init/html5-data-options.html)
* [HTML5 data-\* attributes - cell data](http://docs.google.com/advanced_init/html5-data-attributes.html)
* [Language file](http://docs.google.com/advanced_init/language_file.html)
* [Setting defaults](http://docs.google.com/advanced_init/defaults.html)
* [Row created callback](http://docs.google.com/advanced_init/row_callback.html)
* [Row grouping](http://docs.google.com/advanced_init/row_grouping.html)
* [Footer callback](http://docs.google.com/advanced_init/footer_callback.html)
* [Custom toolbar elements](http://docs.google.com/advanced_init/dom_toolbar.html)
* [Order direction sequence control](http://docs.google.com/advanced_init/sort_direction_control.html)

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

* [Base style](http://docs.google.com/styling/display.html)
* [Base style - no styling classes](http://docs.google.com/styling/no-classes.html)
* [Base style - cell borders](http://docs.google.com/styling/cell-border.html)
* [Base style - compact](http://docs.google.com/styling/compact.html)
* [Base style - hover](http://docs.google.com/styling/hover.html)
* [Base style - order-column](http://docs.google.com/styling/order-column.html)
* [Base style - row borders](http://docs.google.com/styling/row-border.html)
* [Base style - stripe](http://docs.google.com/styling/stripe.html)
* [Bootstrap 3](http://docs.google.com/styling/bootstrap.html)
* [Foundation](http://docs.google.com/styling/foundation.html)
* [jQuery UI ThemeRoller](http://docs.google.com/styling/jqueryUI.html)
* [Bootstrap 4 (Tech. preview)](http://docs.google.com/styling/bootstrap4.html)
* [Semantic UI (Tech. preview)](http://docs.google.com/styling/semanticui.html)
* [Material Design (Tech. preview)](http://docs.google.com/styling/material.html)
* [UIKit (Tech. preview)](http://docs.google.com/styling/uikit.html)

[**Data sources**](http://docs.google.com/data_sources/index.html)

* [HTML (DOM) sourced data](http://docs.google.com/data_sources/dom.html)
* [Ajax sourced data](http://docs.google.com/data_sources/ajax.html)
* [Javascript sourced data](http://docs.google.com/data_sources/js_array.html)
* [Server-side processing](http://docs.google.com/data_sources/server_side.html)

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

* [Add rows](http://docs.google.com/api/add_row.html)
* [Individual column searching (text inputs)](http://docs.google.com/api/multi_filter.html)
* [Individual column searching (select inputs)](http://docs.google.com/api/multi_filter_select.html)
* [Highlighting rows and columns](http://docs.google.com/api/highlight.html)
* [Child rows (show extra / detailed information)](http://docs.google.com/api/row_details.html)
* [Row selection (multiple rows)](http://docs.google.com/api/select_row.html)
* [Row selection and deletion (single row)](http://docs.google.com/api/select_single_row.html)
* [Form inputs](http://docs.google.com/api/form.html)
* [Index column](http://docs.google.com/api/counter_columns.html)
* [Show / hide columns dynamically](http://docs.google.com/api/show_hide.html)
* [Using API in callbacks](http://docs.google.com/api/api_in_init.html)
* [Scrolling and Bootstrap tabs](http://docs.google.com/api/tabs_and_scrolling.html)
* [Search API (regular expressions)](http://docs.google.com/api/regex.html)

[**Ajax**](http://docs.google.com/ajax/index.html)

* [Ajax data source (arrays)](http://docs.google.com/ajax/simple.html)
* [Ajax data source (objects)](http://docs.google.com/ajax/objects.html)
* [Nested object data (objects)](http://docs.google.com/ajax/deep.html)
* [Nested object data (arrays)](http://docs.google.com/ajax/objects_subarrays.html)
* [Orthogonal data](http://docs.google.com/ajax/orthogonal-data.html)
* [Generated content for a column](http://docs.google.com/ajax/null_data_source.html)
* [Custom data source property](http://docs.google.com/ajax/custom_data_property.html)
* [Flat array data source](http://docs.google.com/ajax/custom_data_flat.html)
* [Deferred rendering for speed](http://docs.google.com/ajax/defer_render.html)

[**Server-side**](http://docs.google.com/server_side/index.html)

* [Server-side processing](http://docs.google.com/server_side/simple.html)
* [Custom HTTP variables](http://docs.google.com/server_side/custom_vars.html)
* [POST data](http://docs.google.com/server_side/post.html)
* [Automatic addition of row ID attributes](http://docs.google.com/server_side/ids.html)
* [Object data source](http://docs.google.com/server_side/object_data.html)
* [Row details](http://docs.google.com/server_side/row_details.html)
* [Row selection](http://docs.google.com/server_side/select_rows.html)
* [JSONP data source for remote domains](http://docs.google.com/server_side/jsonp.html)
* [Deferred loading of data](http://docs.google.com/server_side/defer_loading.html)
* [Pipelining data to reduce Ajax calls for paging](http://docs.google.com/server_side/pipeline.html)

[**Plug-ins**](http://docs.google.com/plug-ins/index.html)

* [API plug-in methods](http://docs.google.com/plug-ins/api.html)
* [Ordering plug-ins (with type detection)](http://docs.google.com/plug-ins/sorting_auto.html)
* [Ordering plug-ins (no type detection)](http://docs.google.com/plug-ins/sorting_manual.html)
* [Custom filtering - range search](http://docs.google.com/plug-ins/range_filtering.html)
* [Live DOM ordering](http://docs.google.com/plug-ins/dom_sort.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.

DataTables designed and created by [SpryMedia Ltd](http://www.sprymedia.co.uk) © 2007-2016

DataTables is licensed under the [MIT license](http://www.datatables.net/mit).