

## Table of contents

Table of contents .....	1
About HTML5 Data Bindings Extended Repeater .....	2
Features in Detail.....	3
The Basics: Client Side Pagination.....	14
Advanced: Sorting Data of a Repeat Region .....	36
Advanced: Set the Start Index of an HTML5 Data Bindings Repeat Region .....	41
Advanced: Creating Custom Repeaters .....	45
Video: Client Side Pagination.....	55
Video: Sorting the Repeat Region Data.....	55
Video: Custom Start Index for HTML5 Data Bindings Repeat Region.....	55
Video: Creating Custom Repeaters .....	55

## About HTML5 Data Bindings Extended Repeater

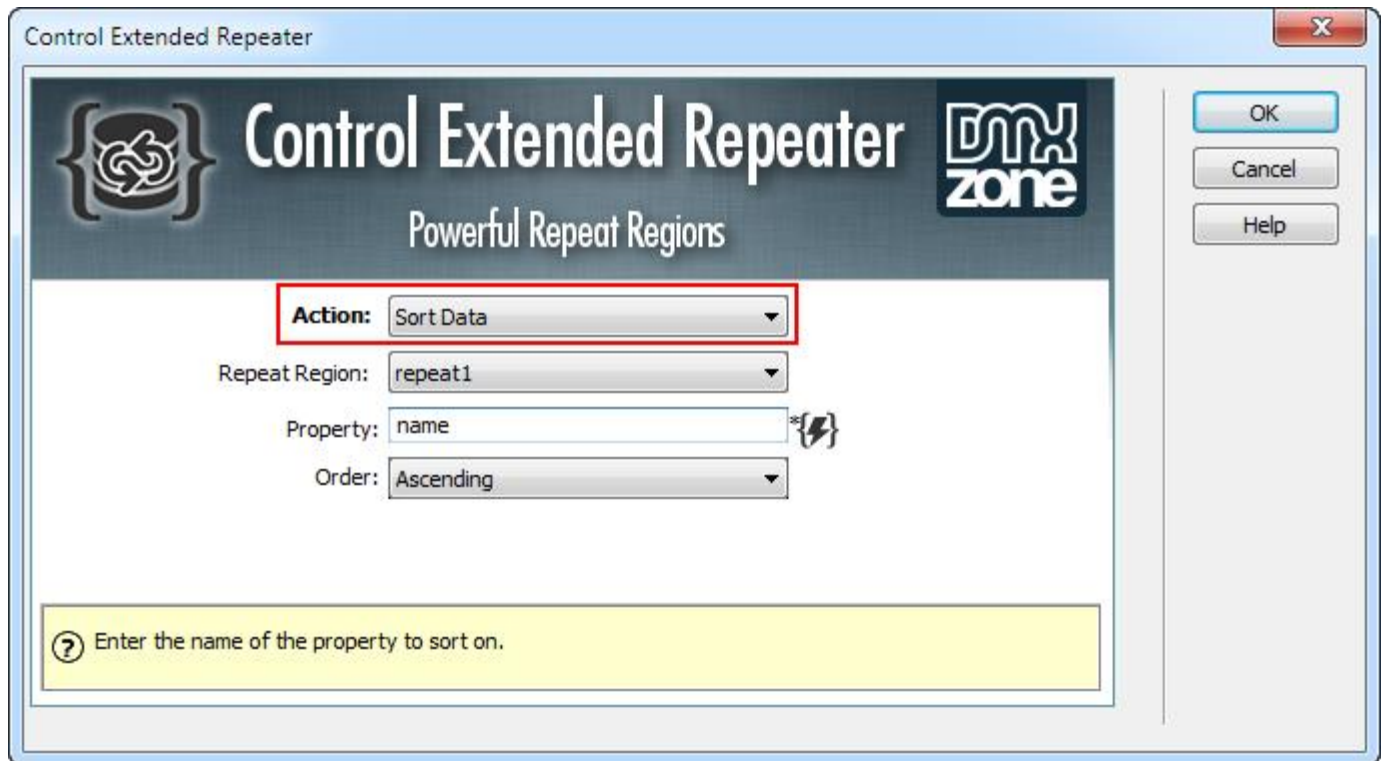


[HTML5 Data Bindings Extended Repeater](#) is the must have addition for [HTML5 Data Bindings](#) if you want to have full client side paging, sorting, custom start index on your repeaters and even custom repeaters! From the interactive user interface you can name your repeater, choose the type, enter the data source, select the start record and page and even give your page a size.

You can also use it together with DMXzone Database Connector PHP/ASP to achieve optimal client side paging and sorting while fetching data from various database sources. The extension is fully controllable by behaviors and you can choose between three different actions: set active record, sort data and set page.

## Features in Detail

- **Full client side paging** - Create repeater pagination for your content. Now you can number your pages and go directly to the desired one.
- **Sorting the repeat region data** - Sorts the returned repeater data based on a specific property.



- **Full support for DMXzone Database Connector PHP/ASP** - Use together with DMXzone Database Connector to achieve optimal client side paging and sorting while fetching data from various database sources.

**Database Source Query Builder**  
Define Your Data Source

General About

Define Database Source

Connection: test Database Source Name: [ ] + [ ] [ ] Test Source

Tables: customers +

Select Filters Sort Order Security

Name	Alias
customers.phone	
customers.addressLine 1	
customers.addressLine 2	
customers.city	
customers.state	
customers.postalCode	
customers.country	
customers.salesRepEmployeeNumber	
customers.creditLimit	

customers.creditLimit

Alias: [ ]  Sortable

? Choose the Database Connection to use.

- **Enter the data source for the repeater** - Choose any repeating element or enter a static value to repeat so many times.

HTML5 Data Bindings Extended Repeater

# Extended Repeater

Powerful Repeat Regions

General About

### Repeater Options

Name:

Type:

Data Source:  ⚡

Start Record:  ⚡

Start Page:  ⚡

Page Size:  ⚡

ⓧ Enter the name for this Repeater.

OK  
Cancel  
Help

- **Custom start index** - Choose the start record of the repeater. Enter any number or choose from the predefined values (first, last, middle and random).

HTML5 Data Bindings Extended Repeater

# Extended Repeater

Powerful Repeat Regions

General About

### Repeater Options

Name:

Type:

Data Source:  {⚡}

Start Record:  {⚡}

Start Page:  {⚡}

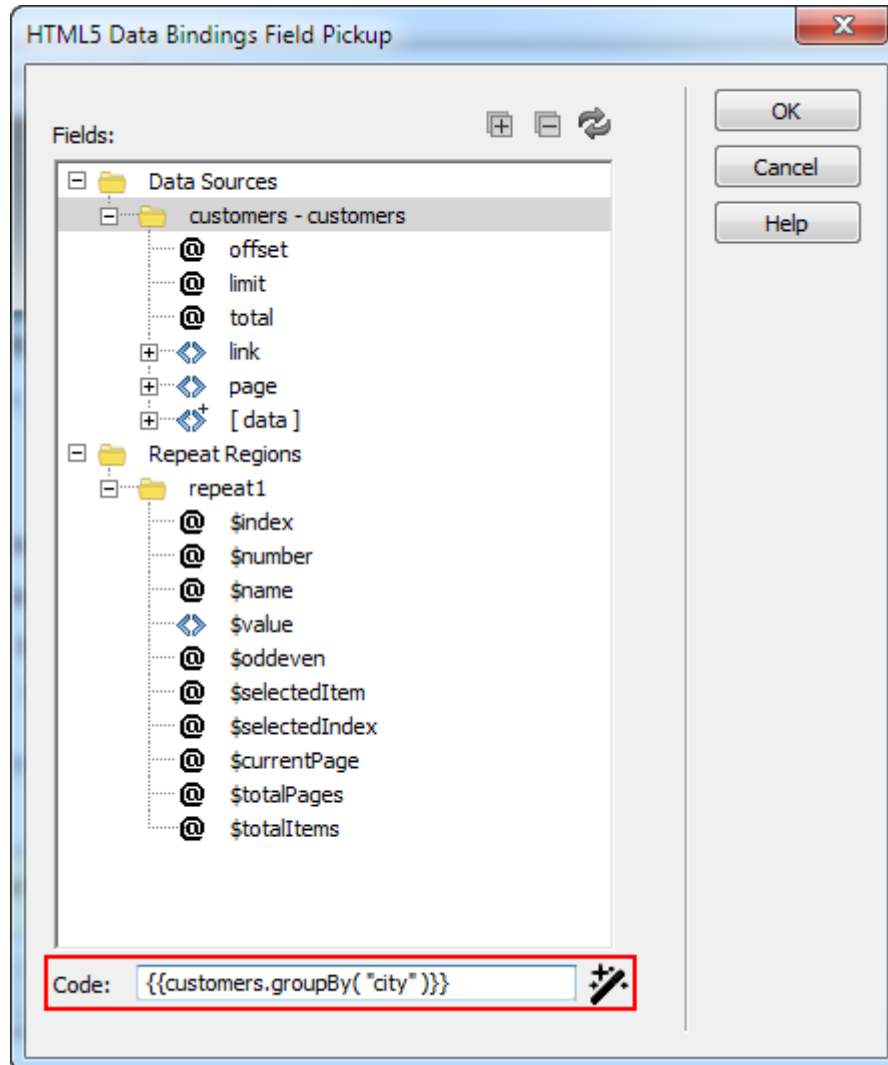
Page Size:  {⚡}

- none
- first
- last
- middle
- random

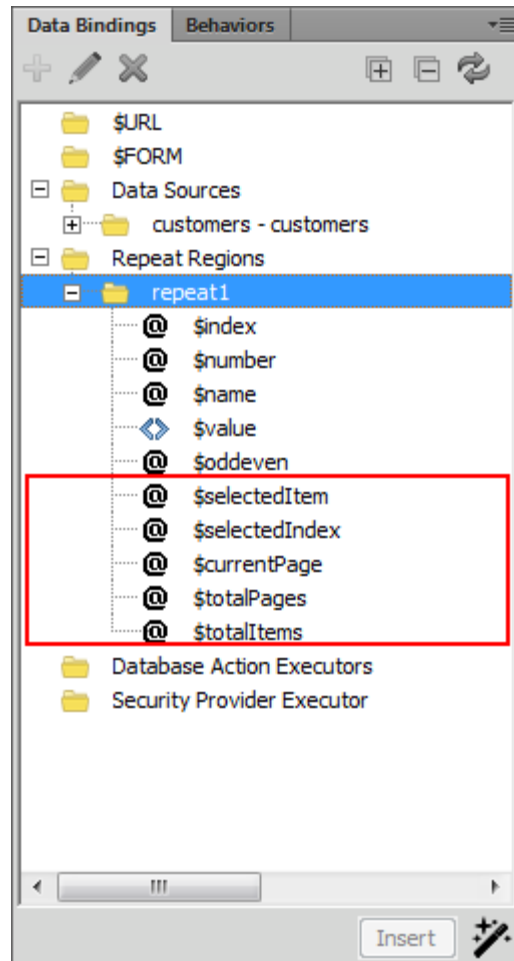
? Choose the start page of the Repeater. Enter any number (zero based) or choose from the predefined values.

OK  
Cancel  
Help

- **Create custom repeaters** - thanks to the great support of **HTML5 Data Bindings Formatter** you can format your data any way you want and create custom repeaters.

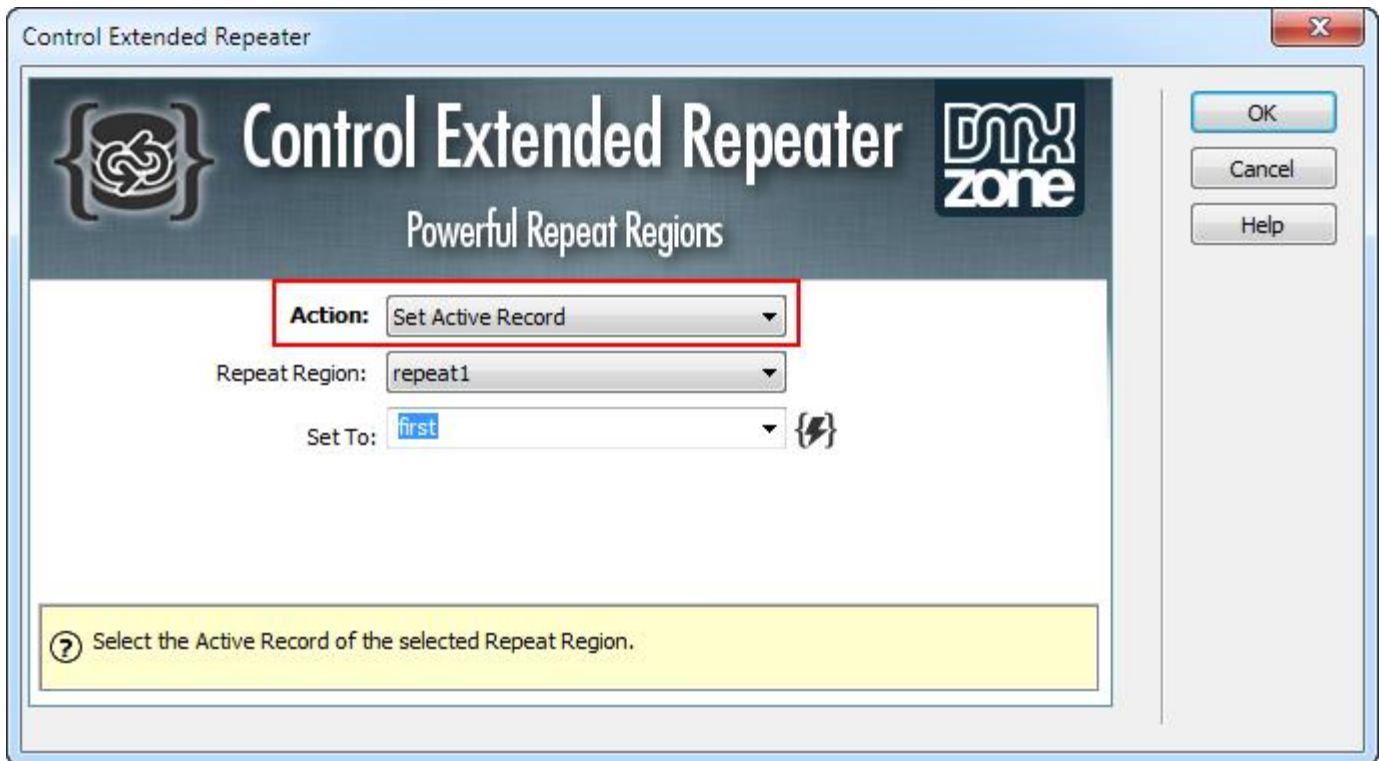


- Extra repeat region properties available for extended repeat regions.

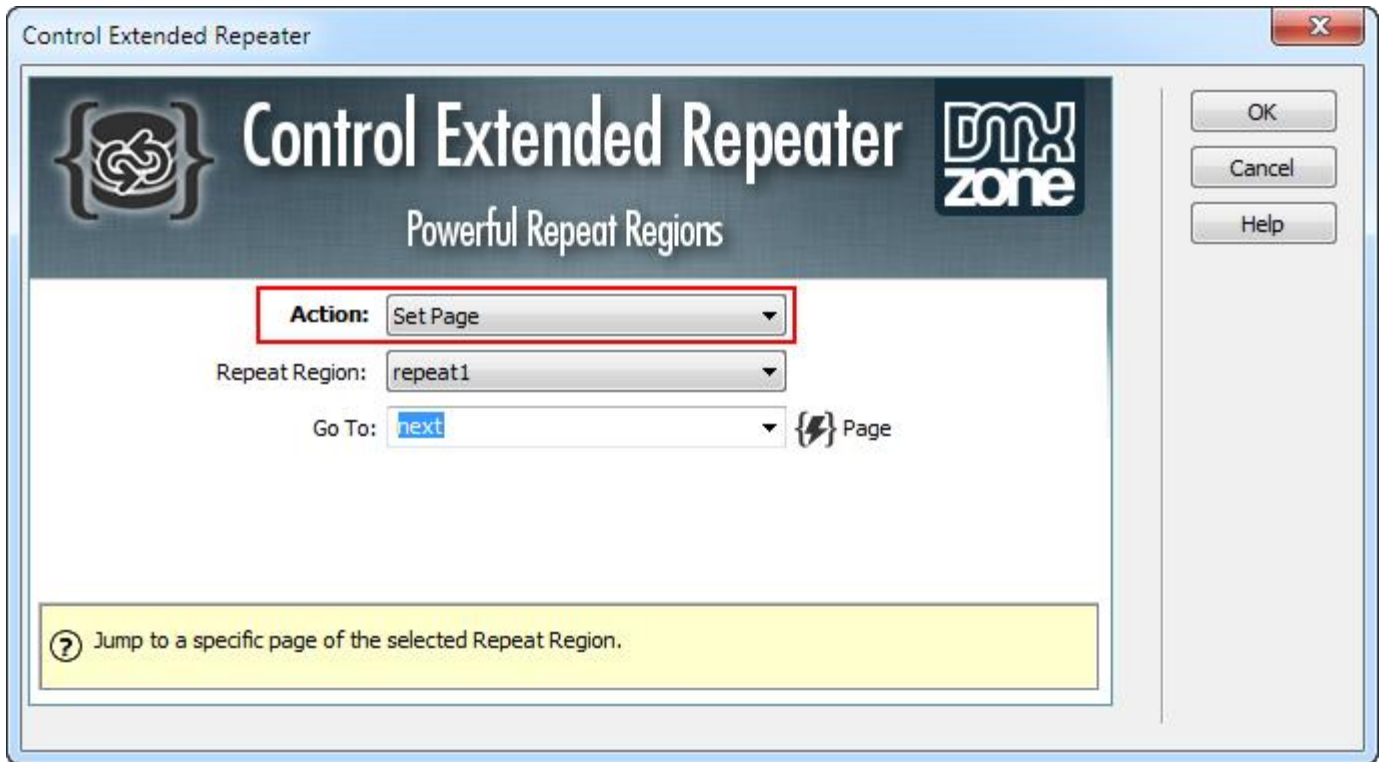




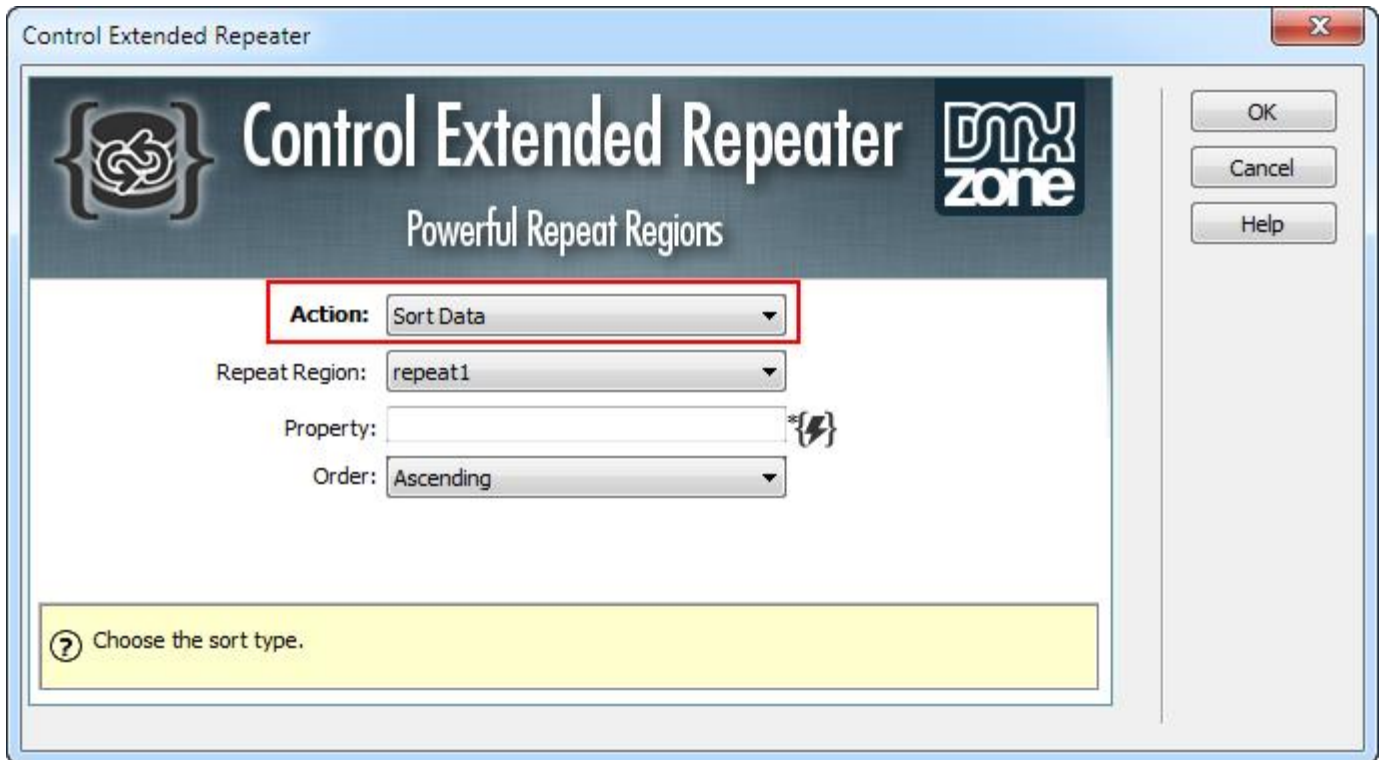
- **Fully controllable by behaviors**
  - **Set active record** - Add a behavior to the chosen element in order to select the active record of the repeat region.



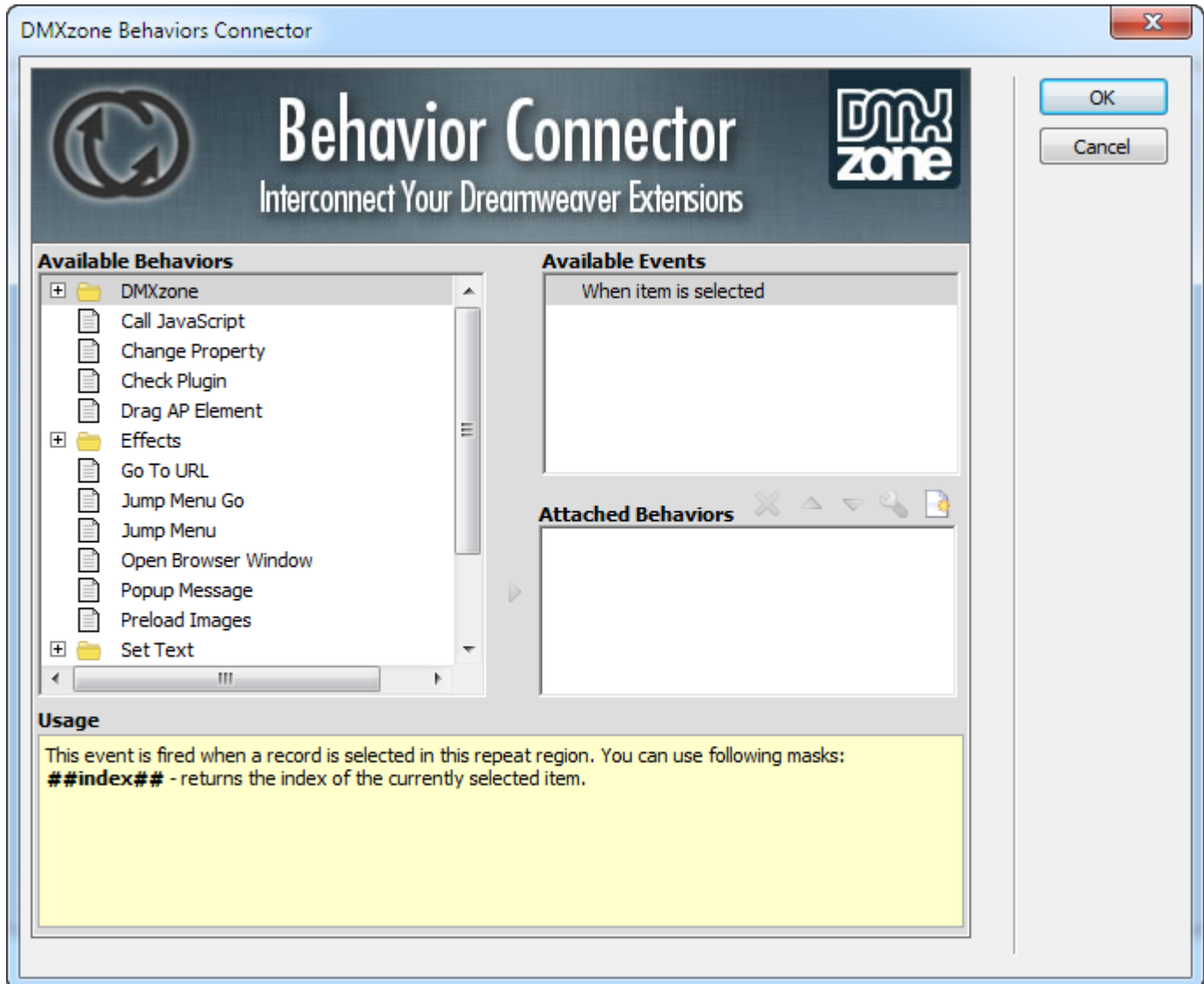
- **Set page** - Add a behavior to jump to a specific page of the repeat region.



- **Sort data** - Add a behavior to sort the selected repeat region based on a specific property.



- **Support for DMXzone Behavior Connector** - You can fire up an action when a record is selected in the repeat region.



## **Before you begin**

Make sure to setup your site in Dreamweaver first before creating a page. If you don't know how to do that please [read this](#).

## **Installing the extension**

Read the tutorial at <http://www.dmxzone.com/go/4671/how-to-install-extensions-from-dmxzone/>

Login, download the product, and look up your serial at <http://www.dmxzone.com/user/products>

Get the latest extension manager from Adobe at [http://www.adobe.com/exchange/em\\_download/](http://www.adobe.com/exchange/em_download/)

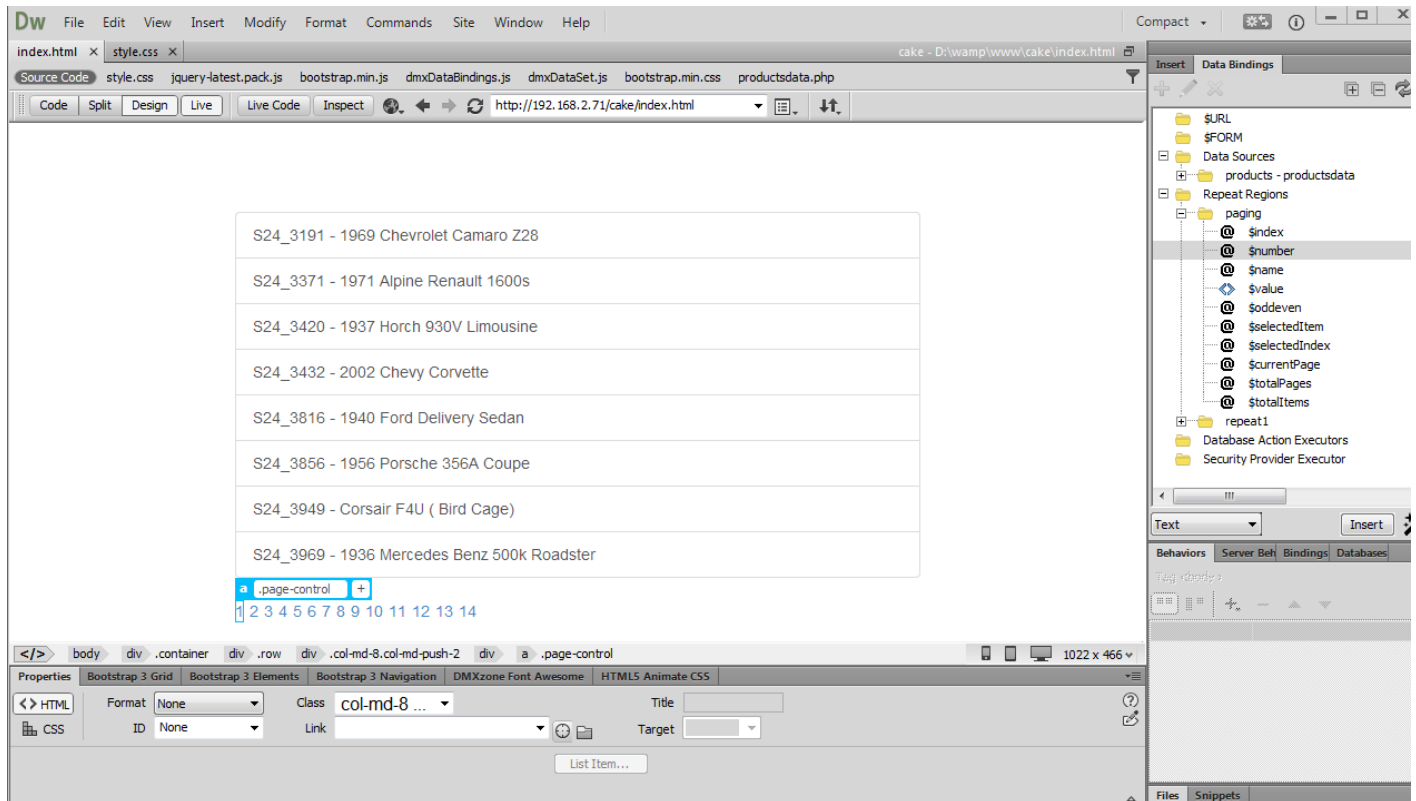
Open the .zxp file if you're using Dreamweaver CC or the .mxp file for Dreamweaver CS+ with the [DMXzone Extension Manager](#) and install the extension.

**If you experience any problems contact our Live Support!**

## The Basics: Client Side Pagination

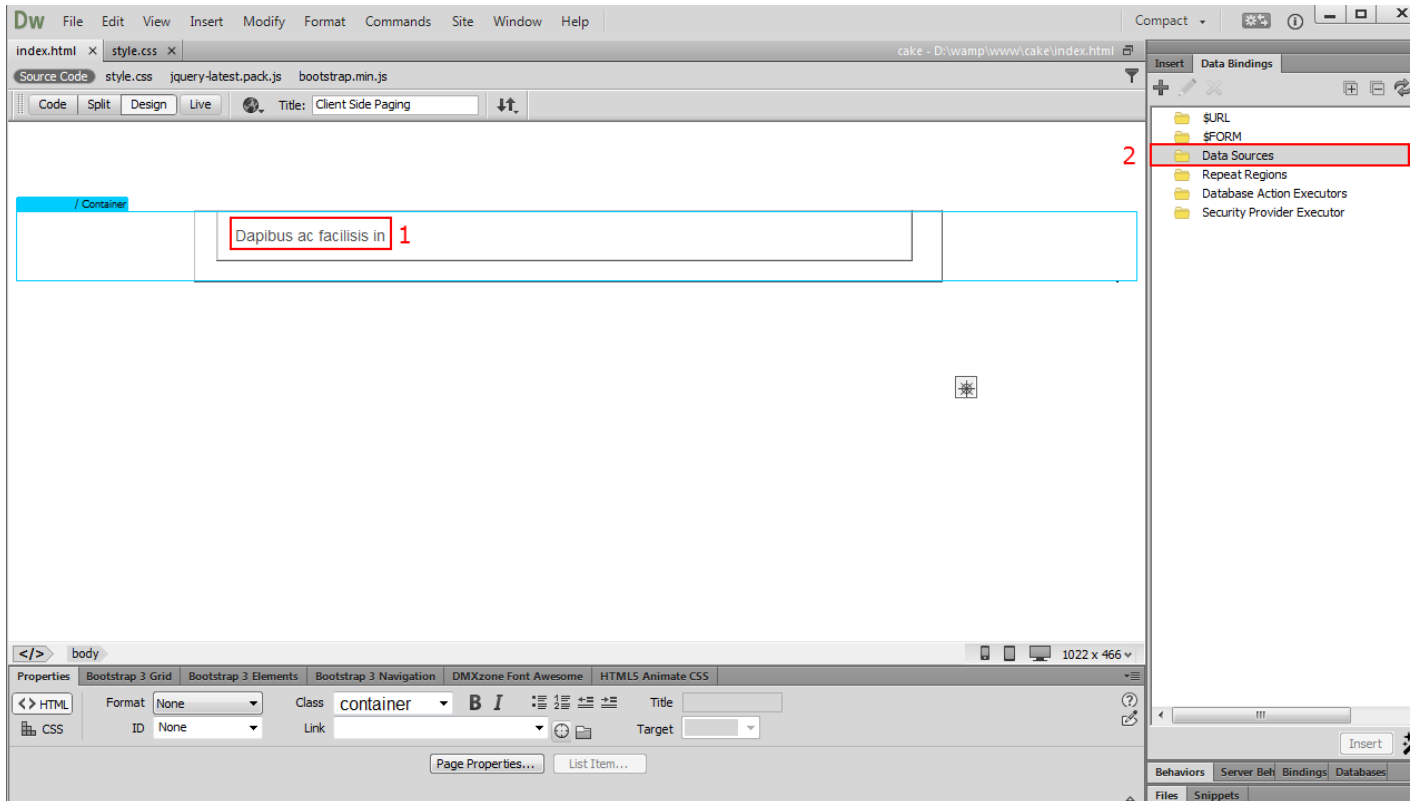
In this tutorial will show you how to add client side paging to your content. This way you can number your pages and go directly to the desired one.

\*You can also check out the [video](#).

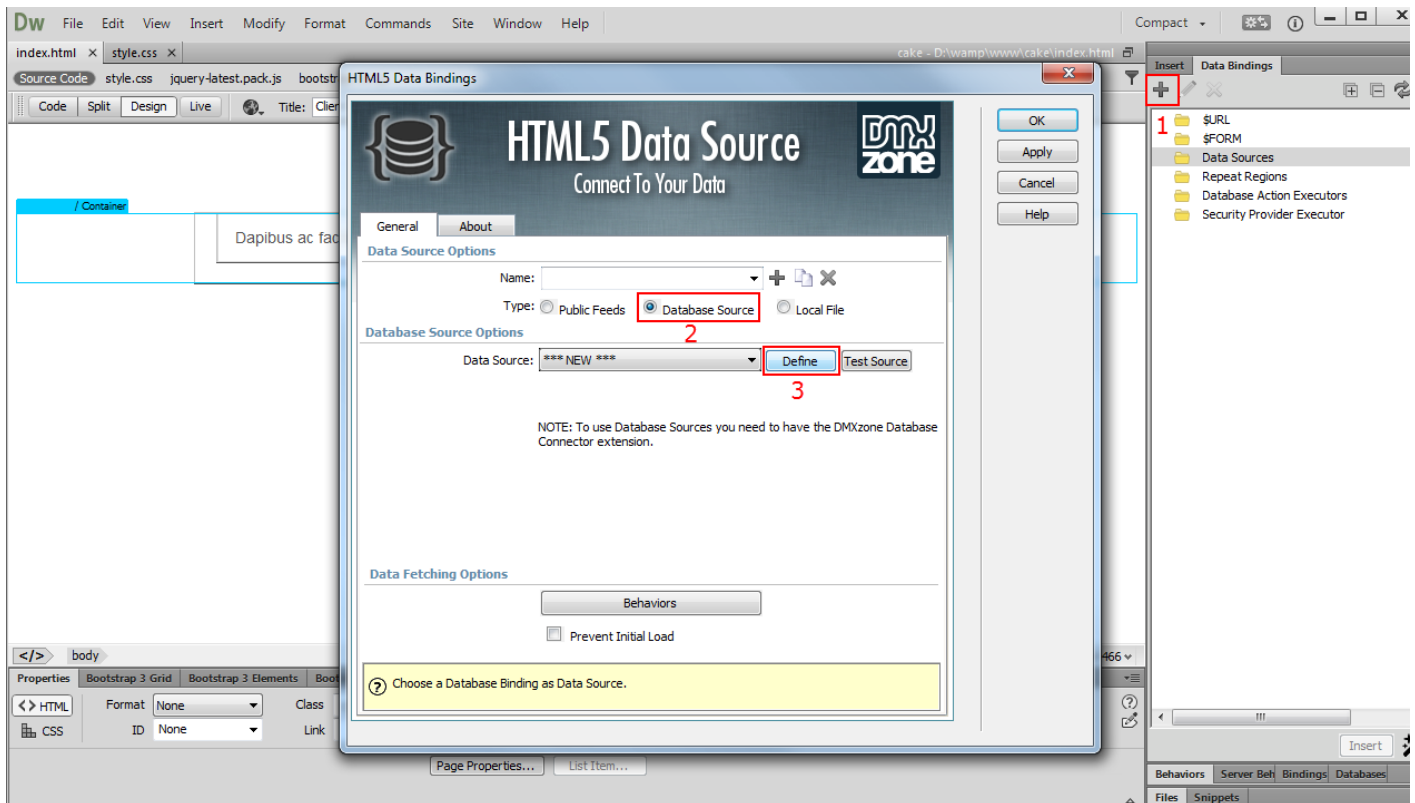


## How to do it

1. We added a static dummy list with one item in it. We want to use dynamic values with this list **(1)**. In the HTML5 Data Bindings tab select data sources. **(2)**.

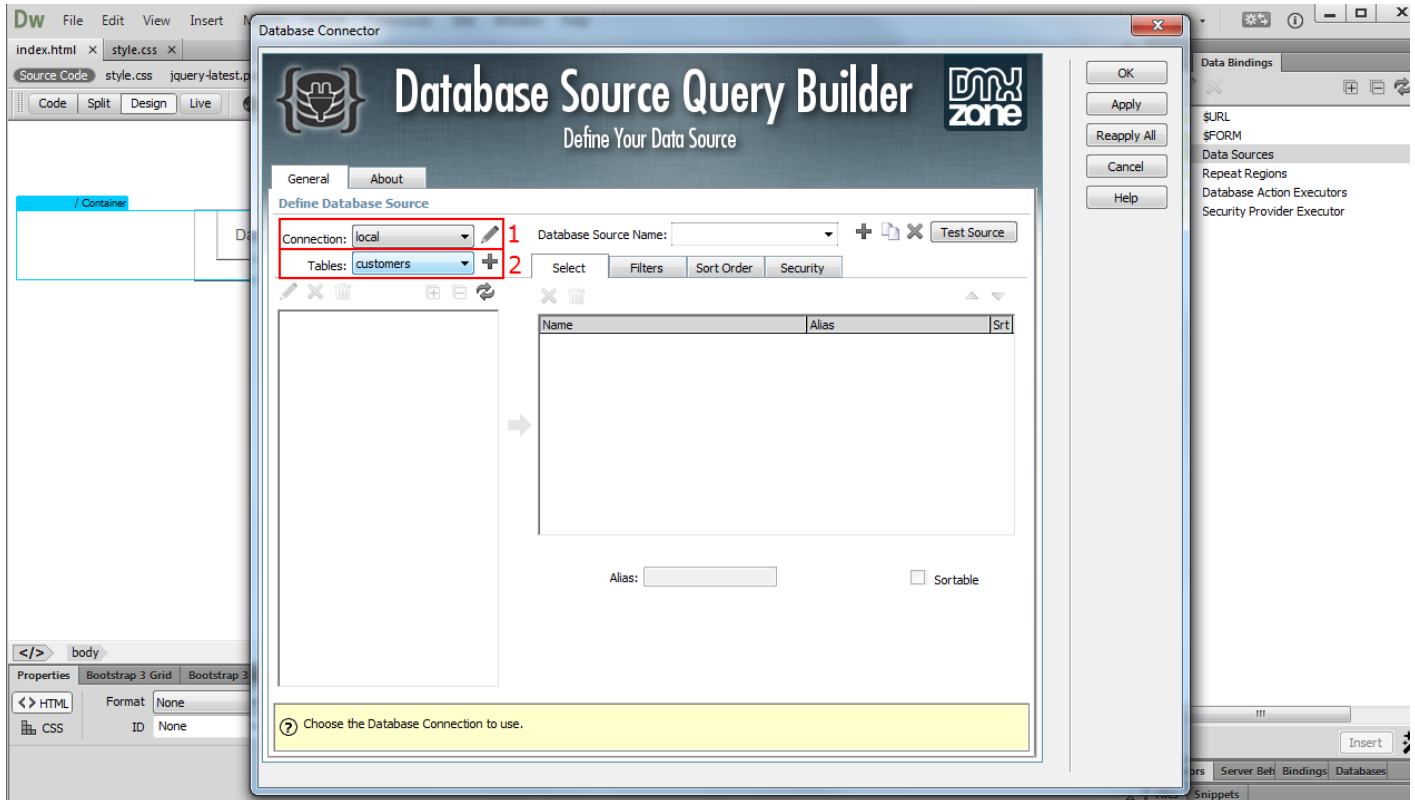


- Click **add new data source button (1)** and the HTML5 Data Bindings window will open. For our tutorial we'll be using a **database source (2)**. Click **define button (3)**.

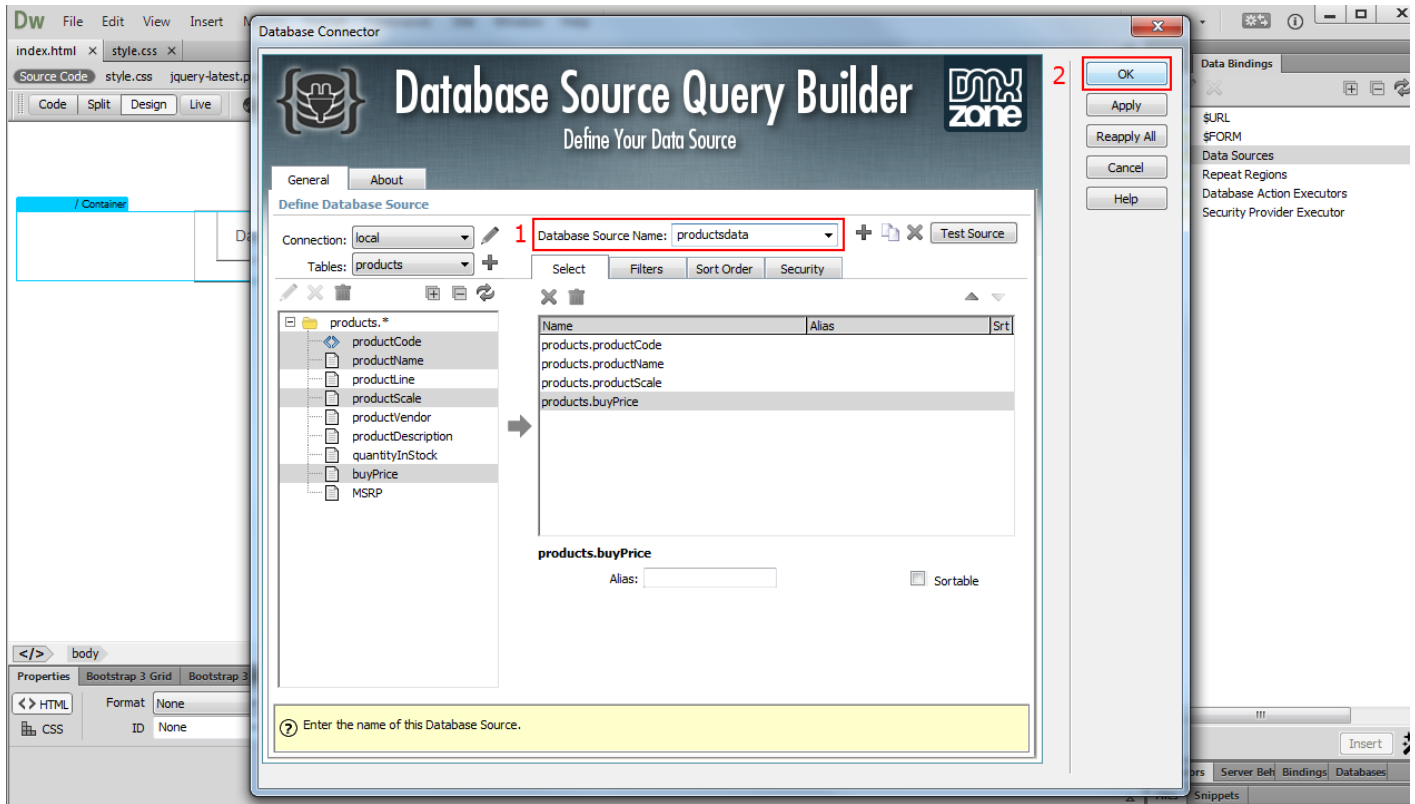




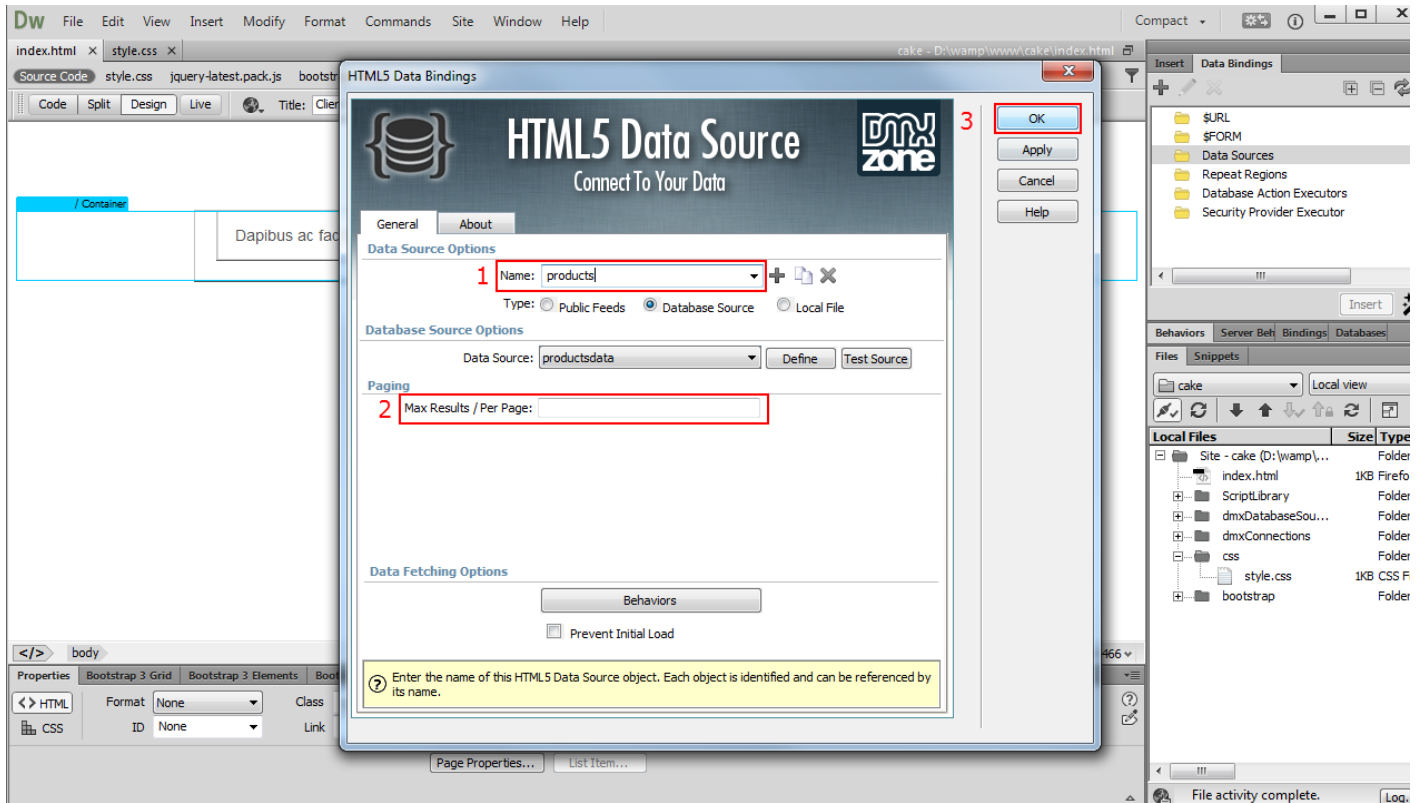
- In the Database Connector window, select your database connection or create one if you haven't done this already **(1)**. Select the database table(s) that you want to use and add the columns you need into the columns list by clicking the **plus icon (2)**.



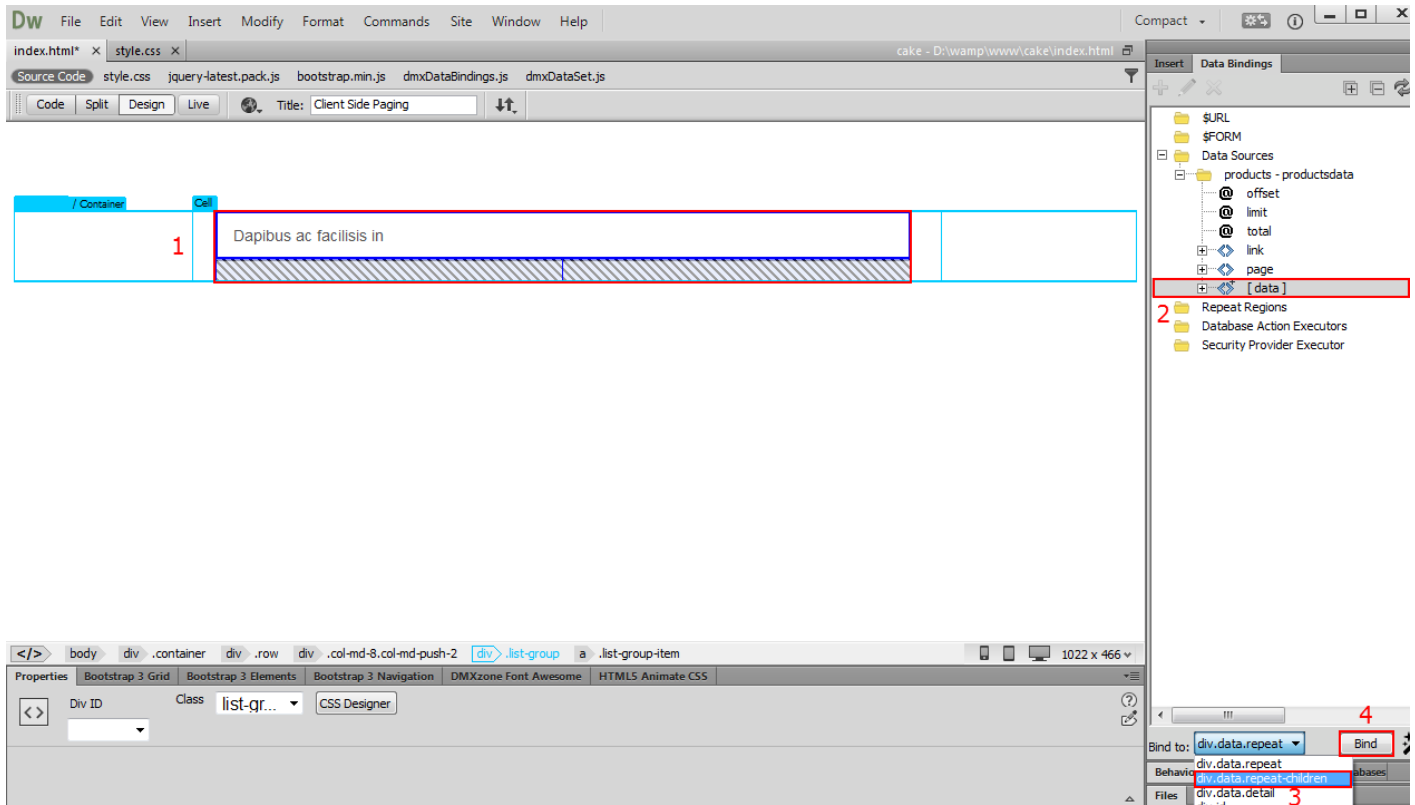
4. Add a name for your database source (1) and click OK button (2).



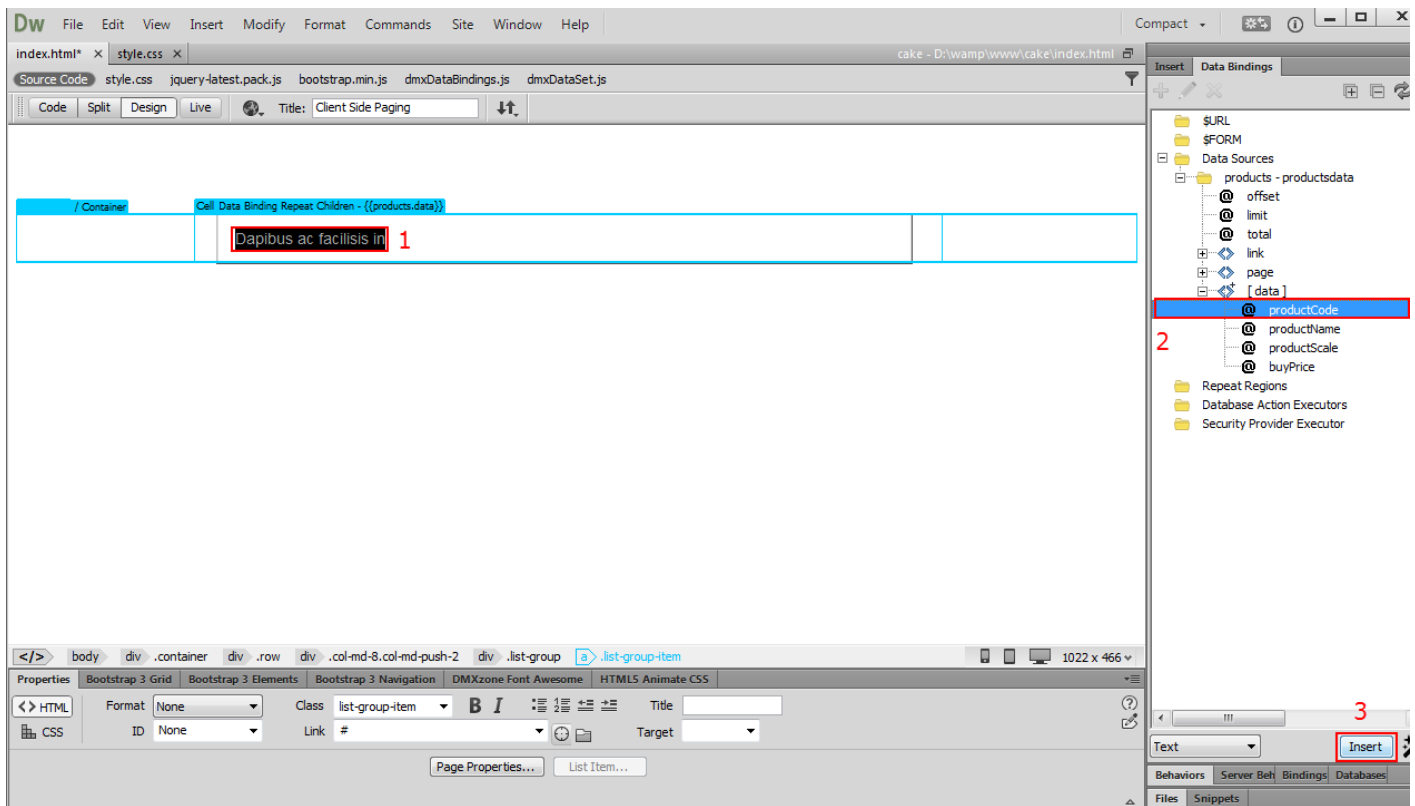
- We remove the **max results / per page value** and leave it empty (1). This way our data source will return all of its values on our page. We add **a name for the data source** (2) and **click the OK button** (3).



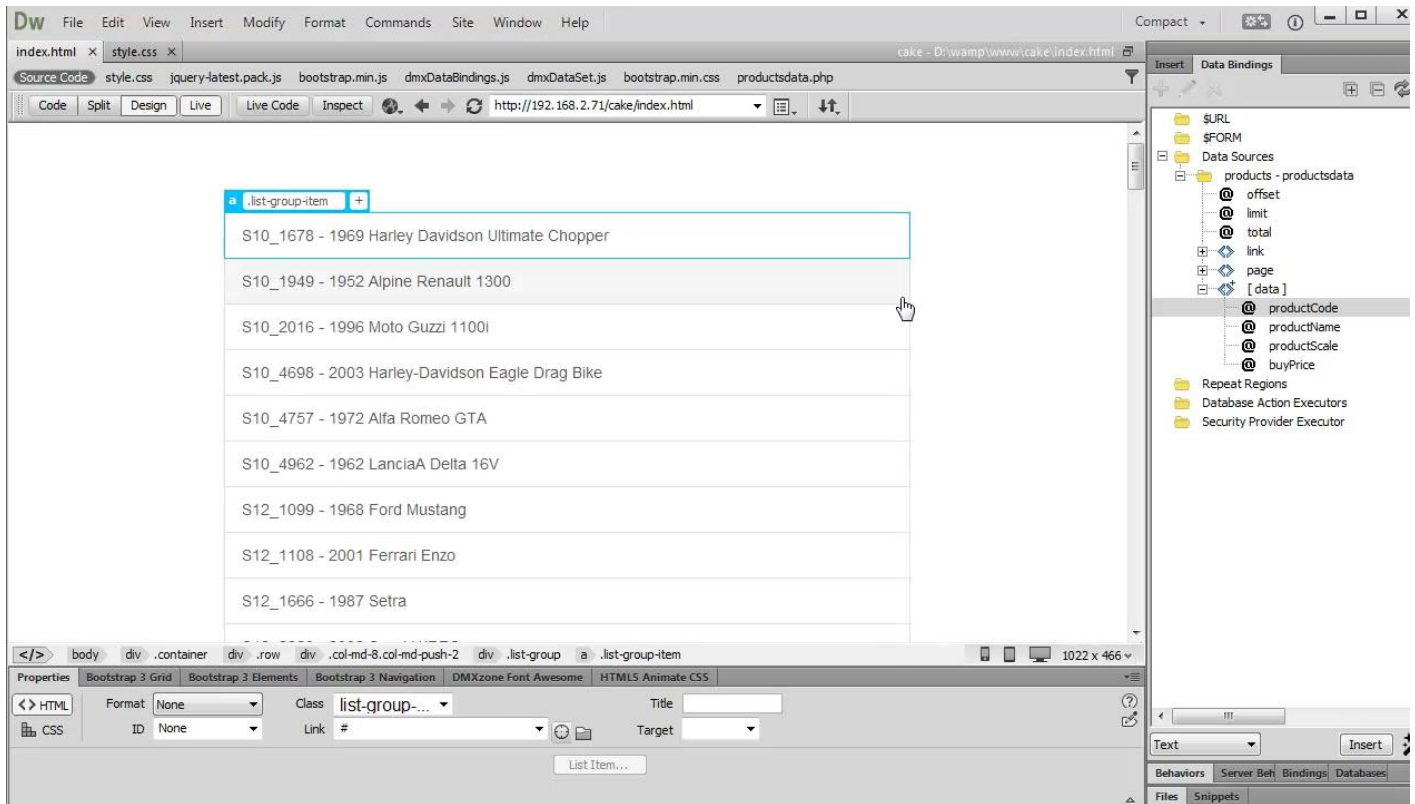
6. Select the **dummy static list container (1)** and select the **[data] repeating element (2)**. Open the **bind to menu**, choose the repeat option that you need: data.repeat or data.repeat-children. Our page structure requires **div.data.repeat-children (3)**. Click the **bind button (4)**.



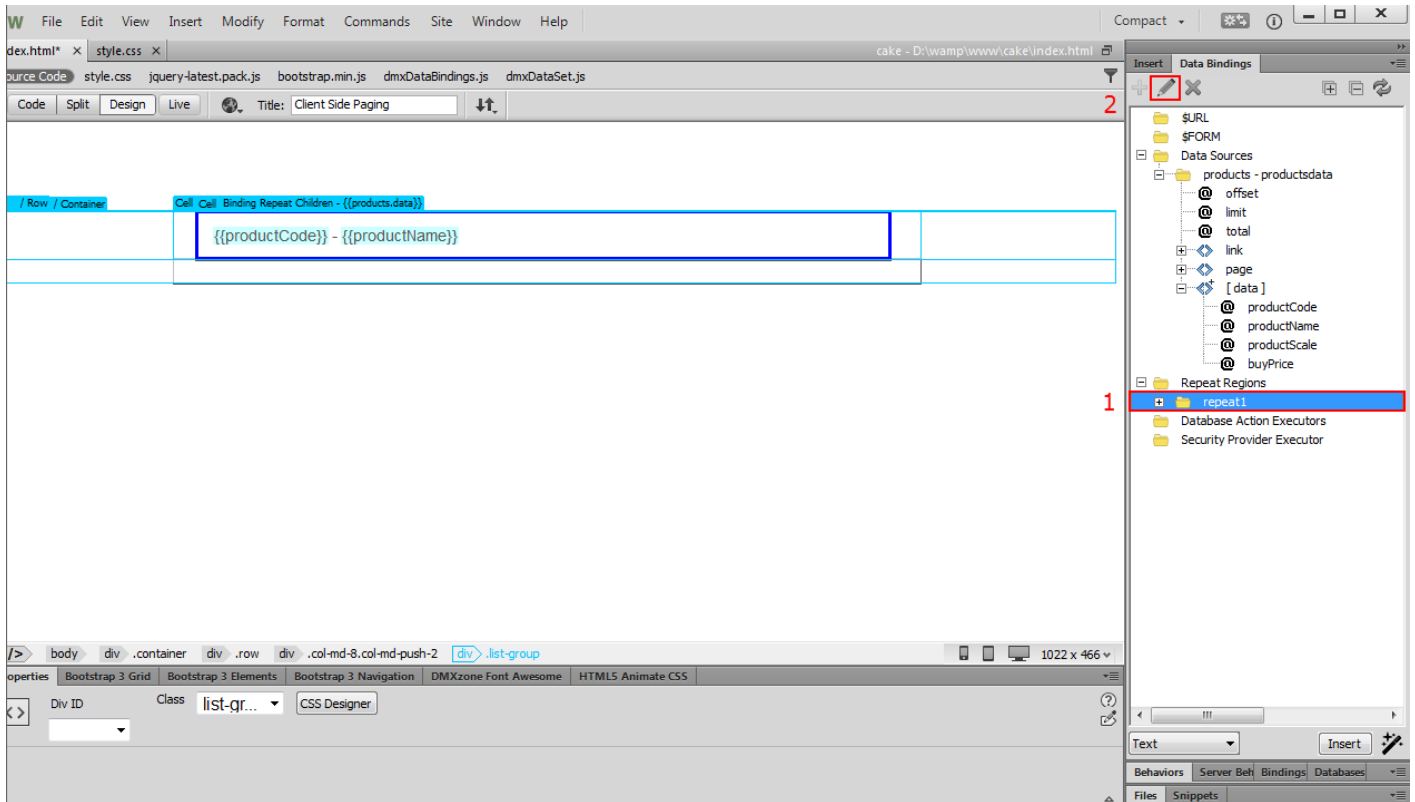
- Let's add some dynamic data into our list repeat region. Select the **data elements (1)** that you want to show in the list and add them by **clicking the insert button (2)**.



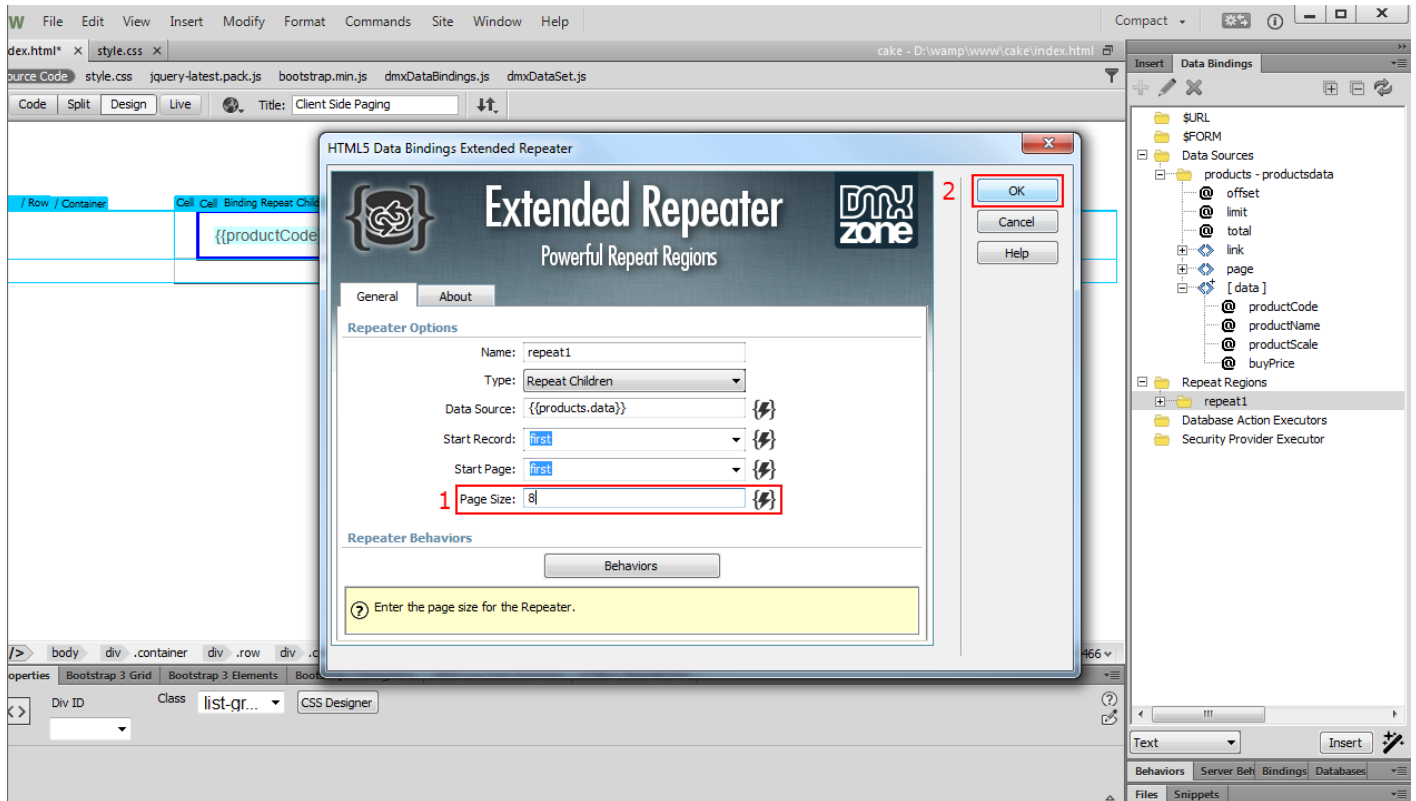
8. Let's preview the results on our page. As you can see the list on our page returns all of the 100+ results. We want to divide the returned results into pages for better user experience.



9. Select the **repeat region**, created from the data source (1) and **click edit repeat region button** (2).

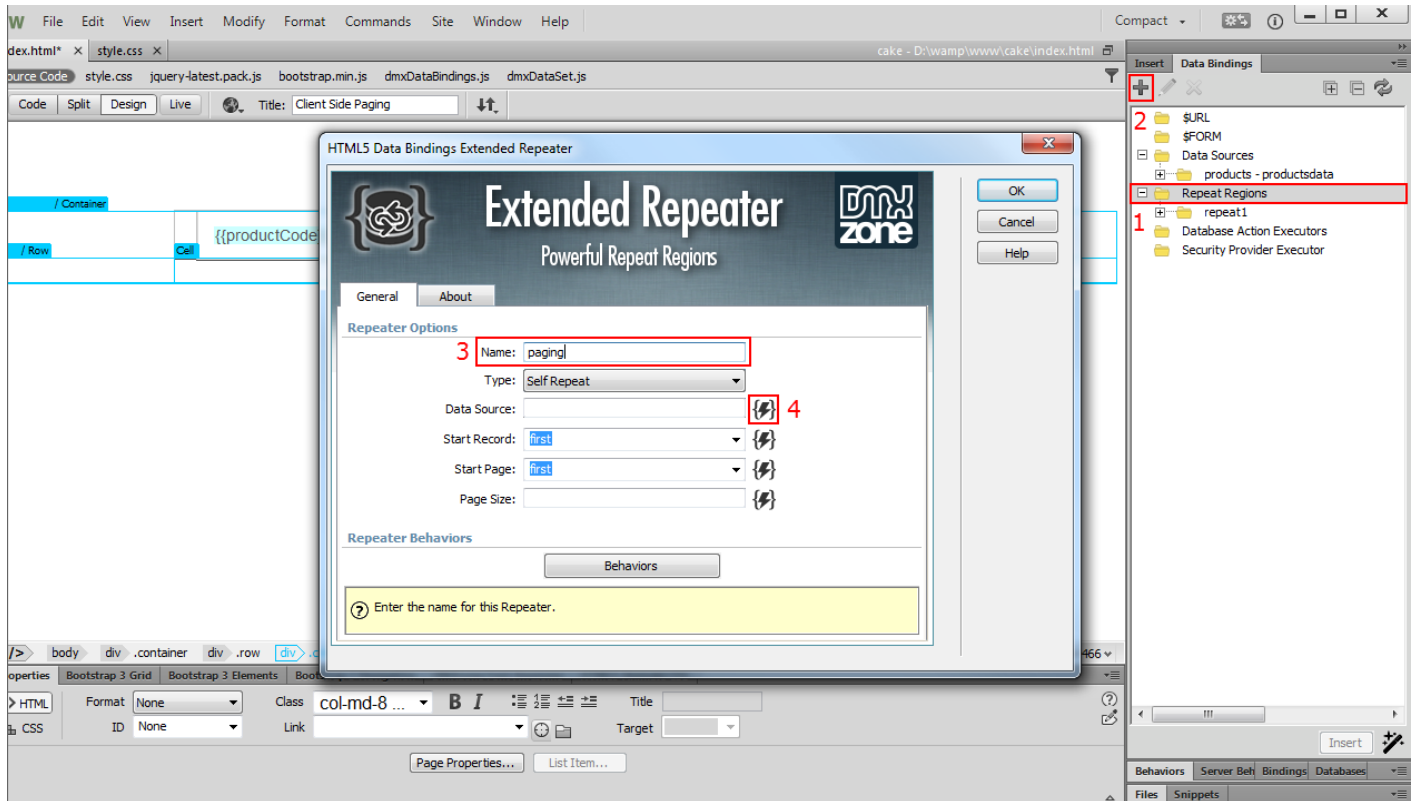


- In the HTML5 Data Bindings Extended Repeater window you can see and edit the name, type, data source, start record, start page and page size options for the selected repeat region. Enter the **results per page** that you want to show **(1)** and **click OK button (2)**.

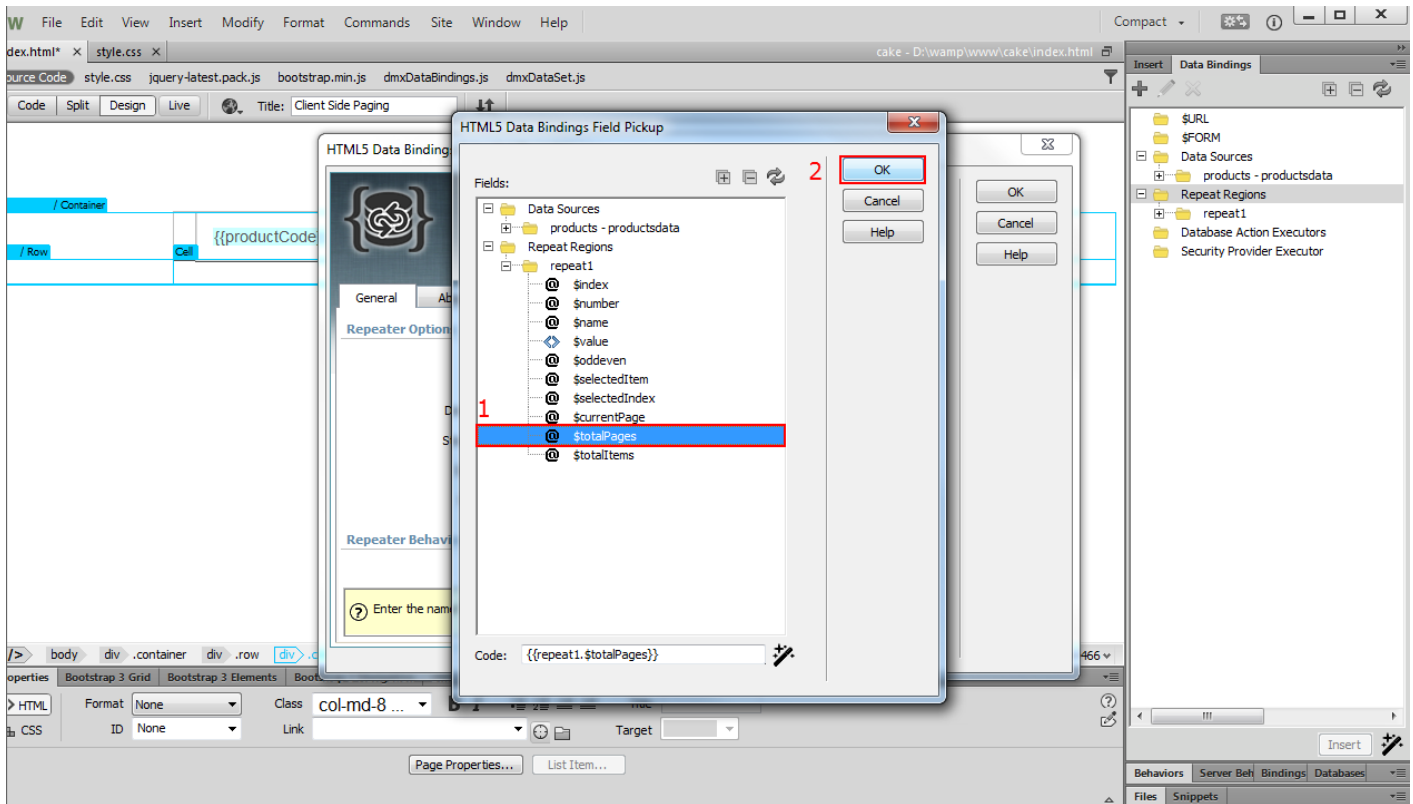




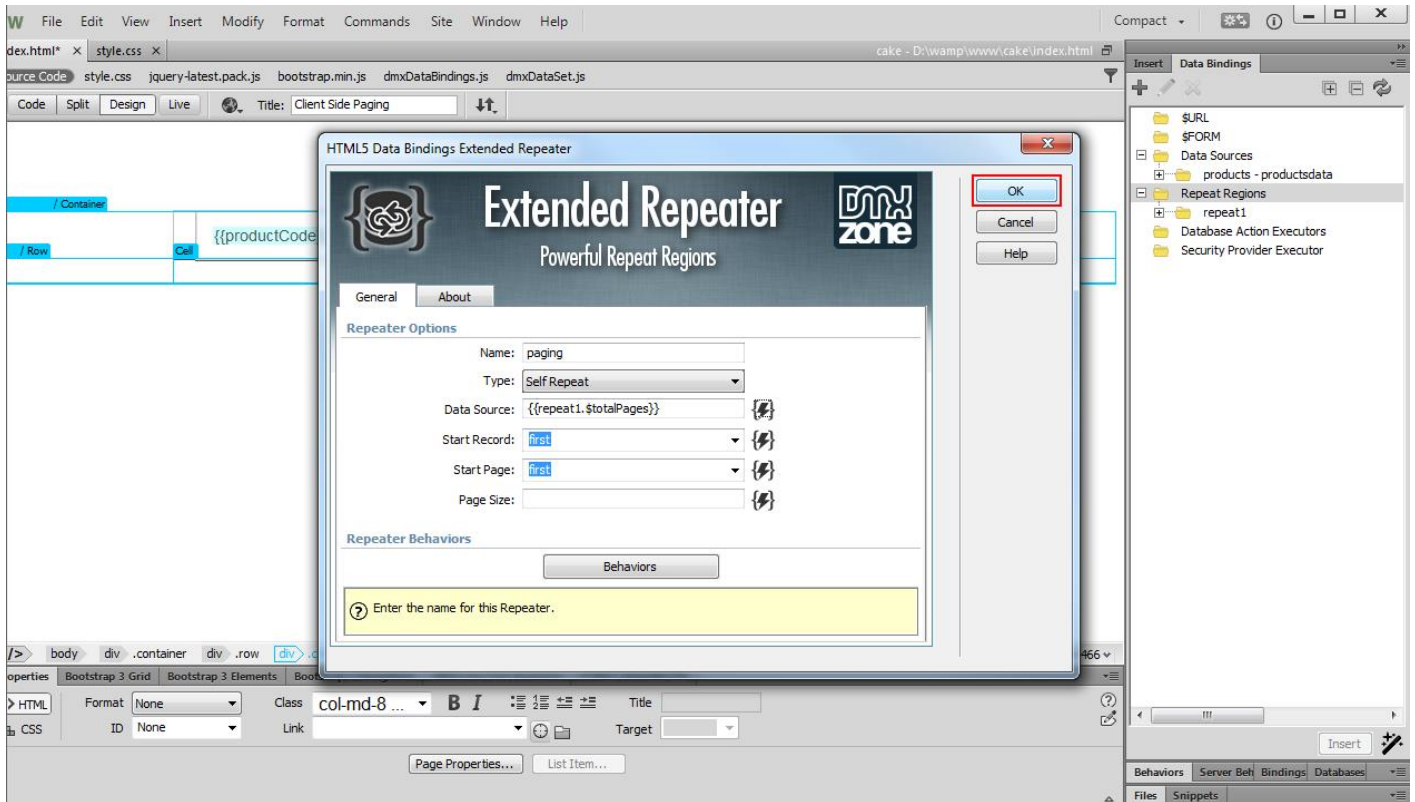
11. Now let's add the pagination under the dynamic list. Click **repeat regions (1)** and **click add new button (2)**. In the HTML5 Data Bindings Extended Repeater window, **add a name** for the repeat region **(3)** and select the **data source** for this repeater **(4)**.



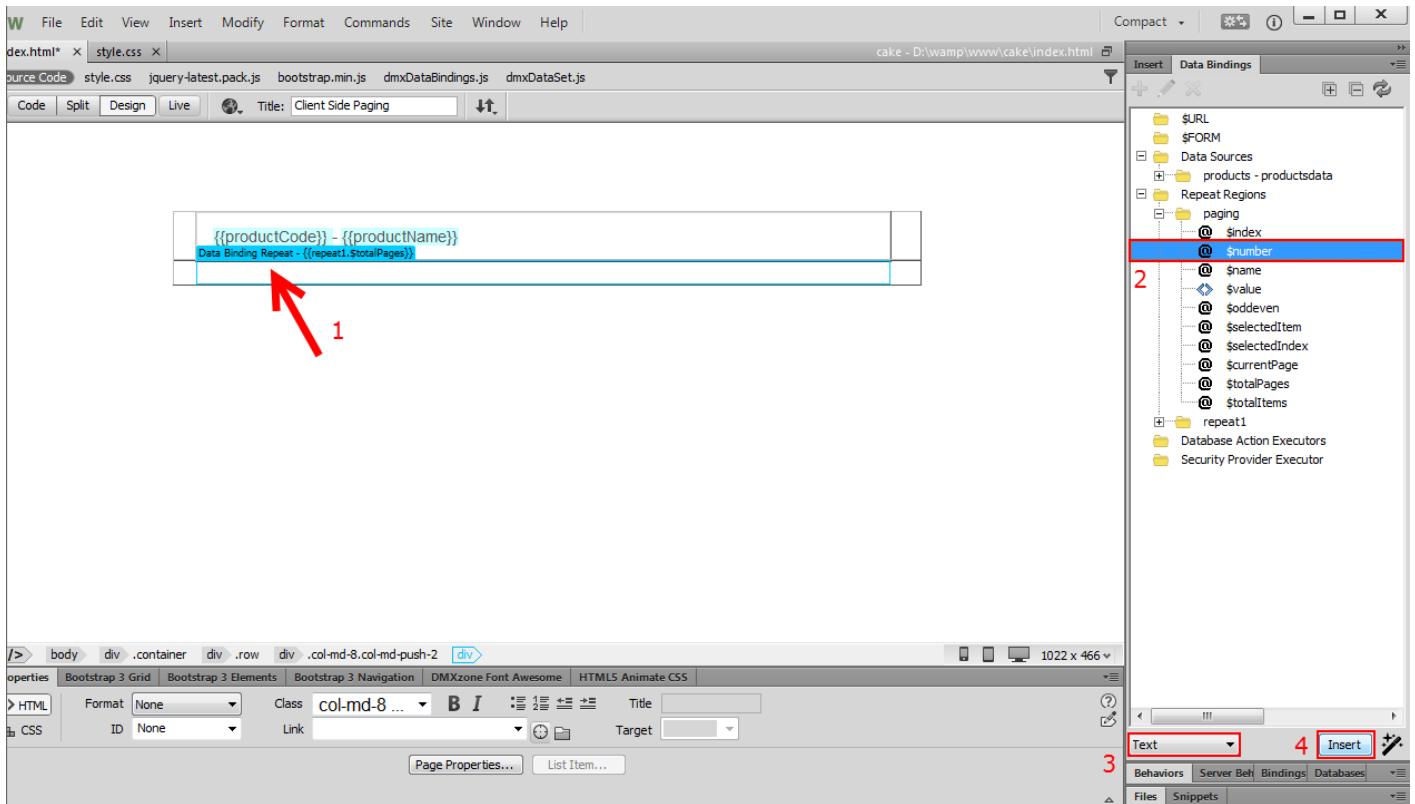
12. In the HTML5 Data Bindings Field Pickup window select the **\$totalPages** data element (1) and click **OK** button (2).



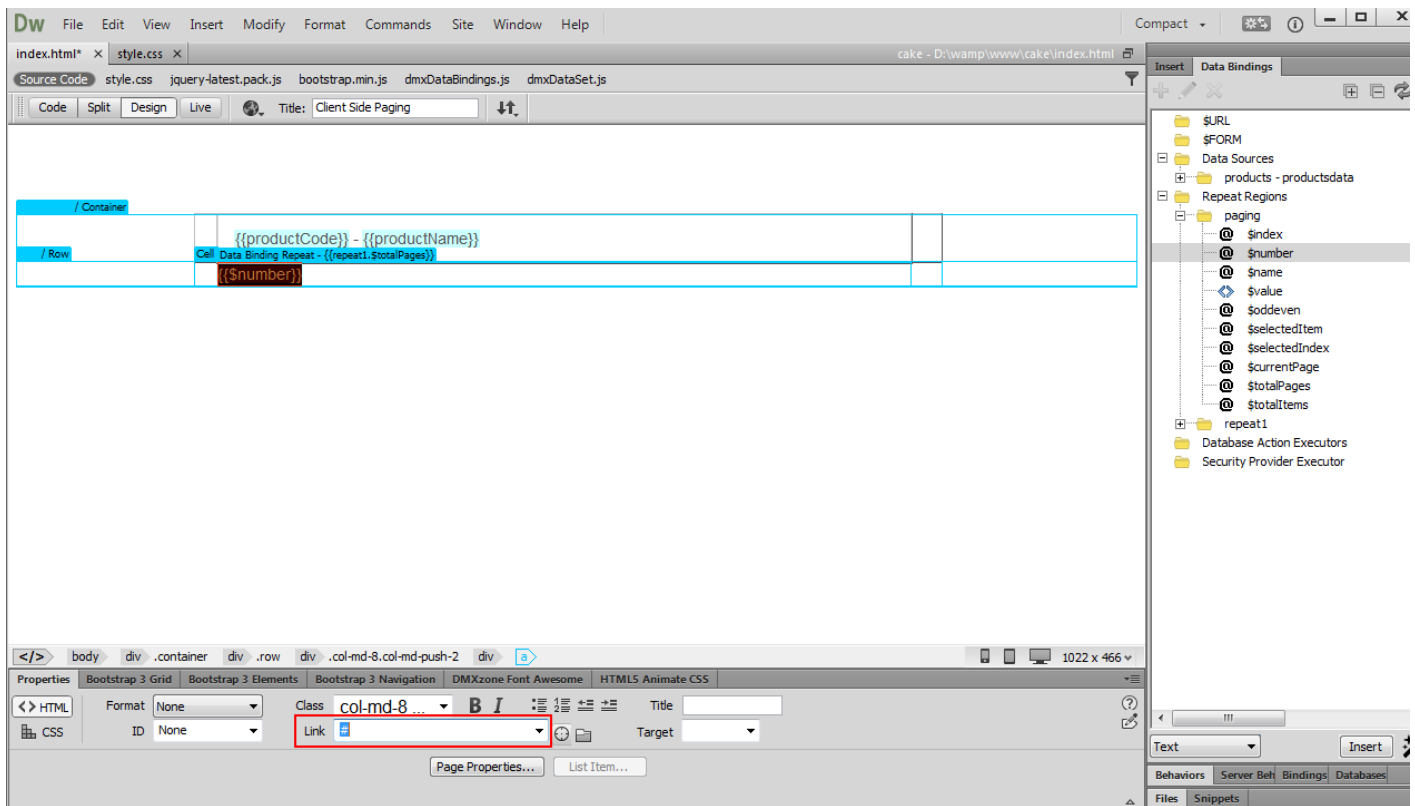
13. Click **OK button** in the HTML5 Data Bindings Extended Repeater window.



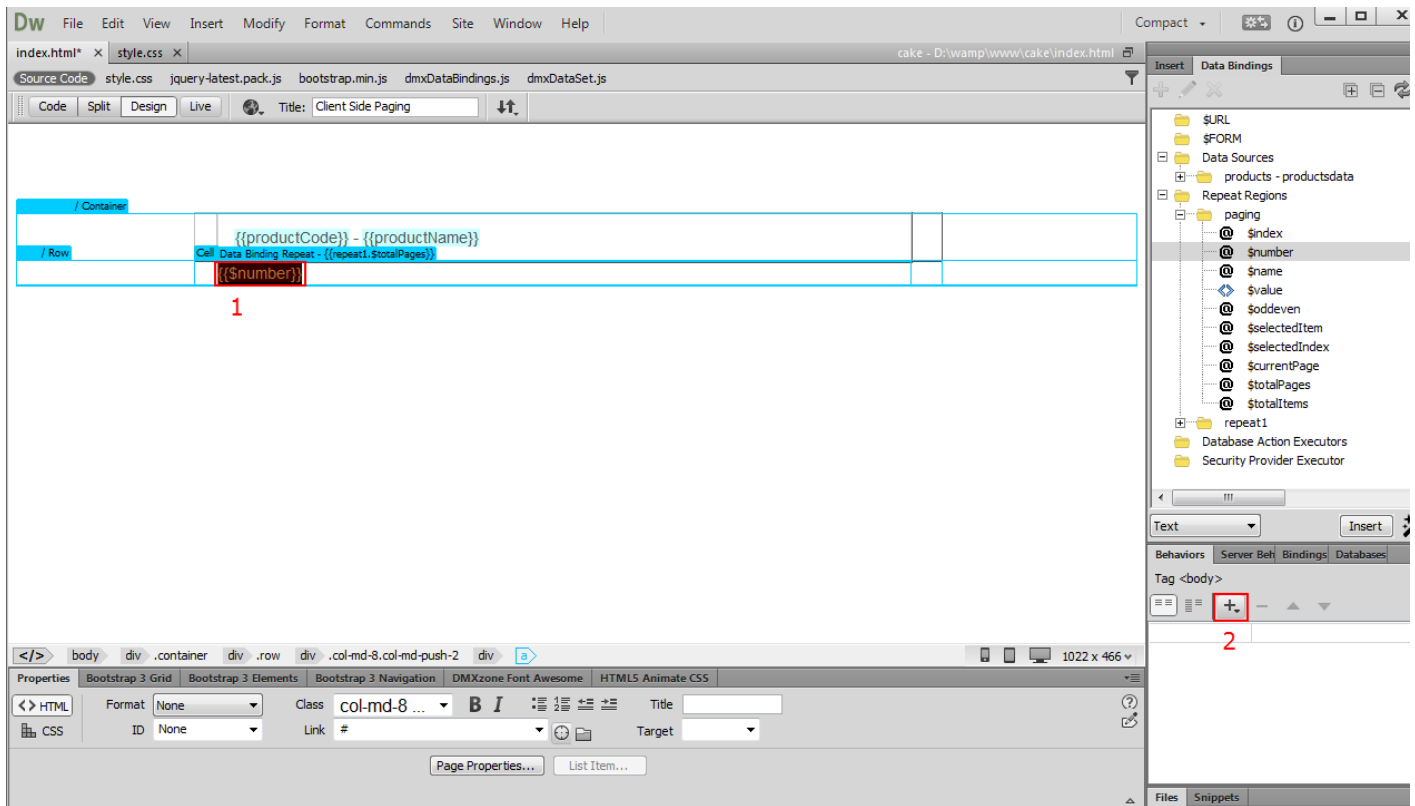
14. Click inside the repeat region that you just created (1) and select **\$number** under its name inside the data bindings tree (2). Select **text** (3) and click **insert button** (4).



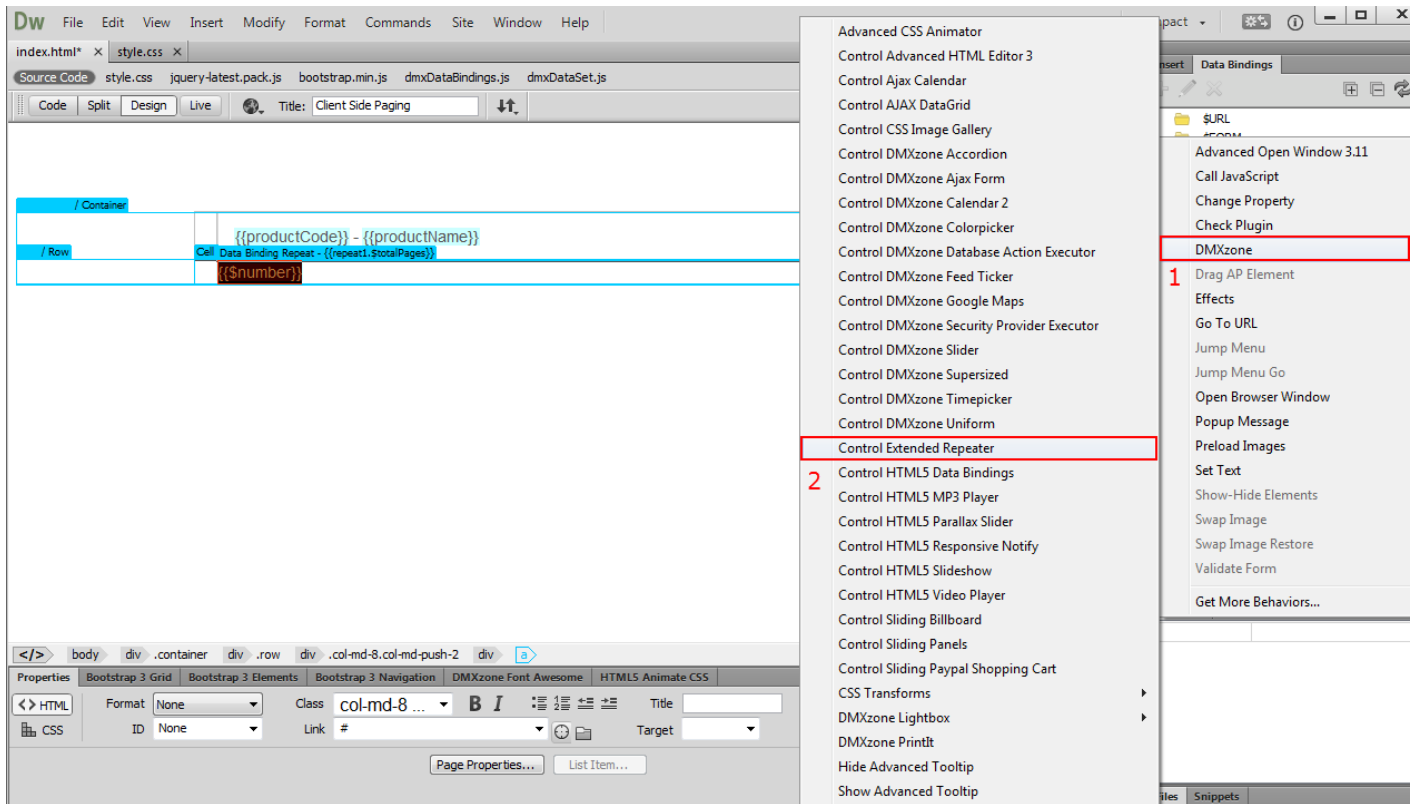
15. We make the data binding that we added clickable by adding “#” as a link. This way we wrap the {{\$number}} data binding into an anchor tag.



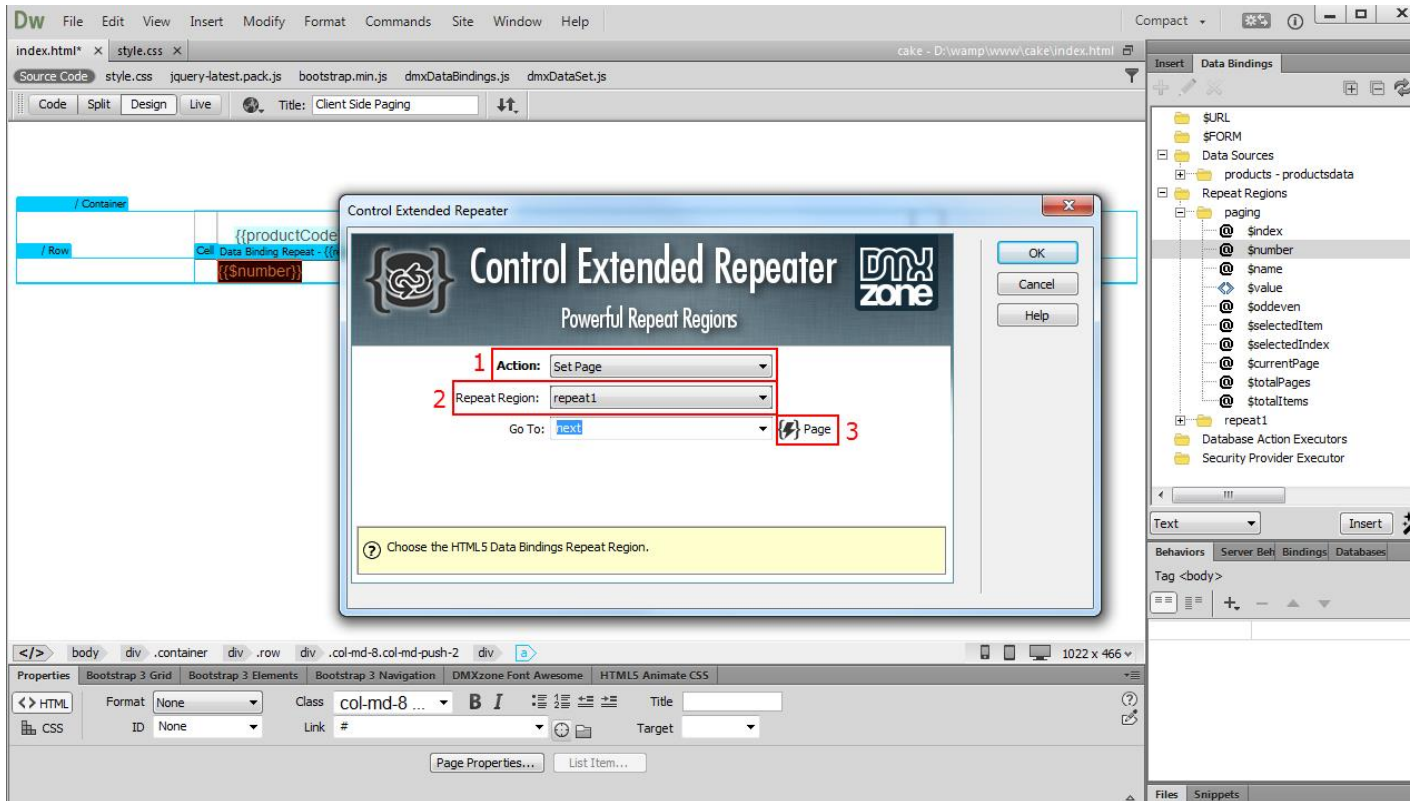
16. Click this **anchor tag (1)** and click **add behavior button (2)**.



17. From the **DMXzone** menu item (1) choose **Control Extended Repeater** menu item (2).

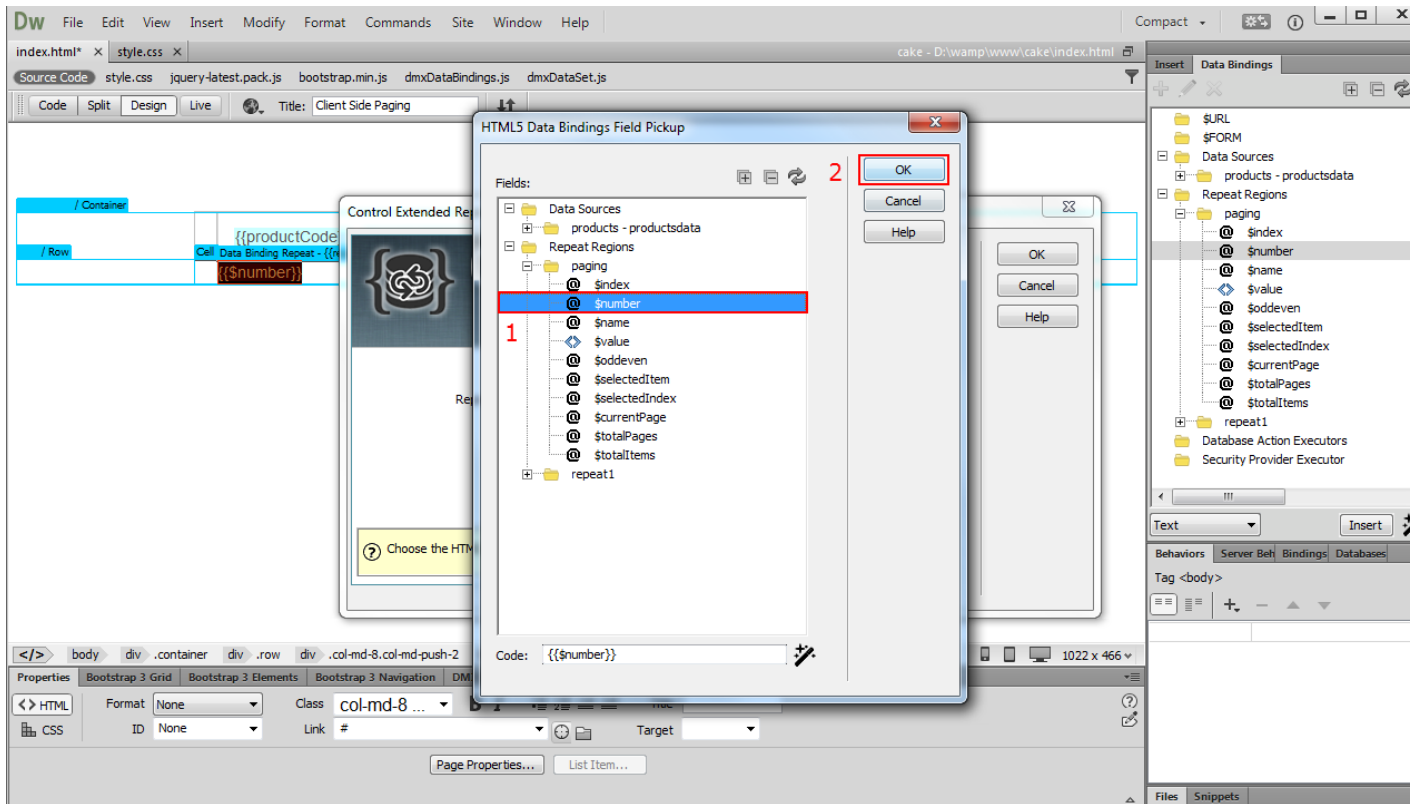


18. In Control Extended Repeater window, select **set page (1)**, select the **repeat region** that shows the list on the page (2) and click the **dynamic source button (3)**.

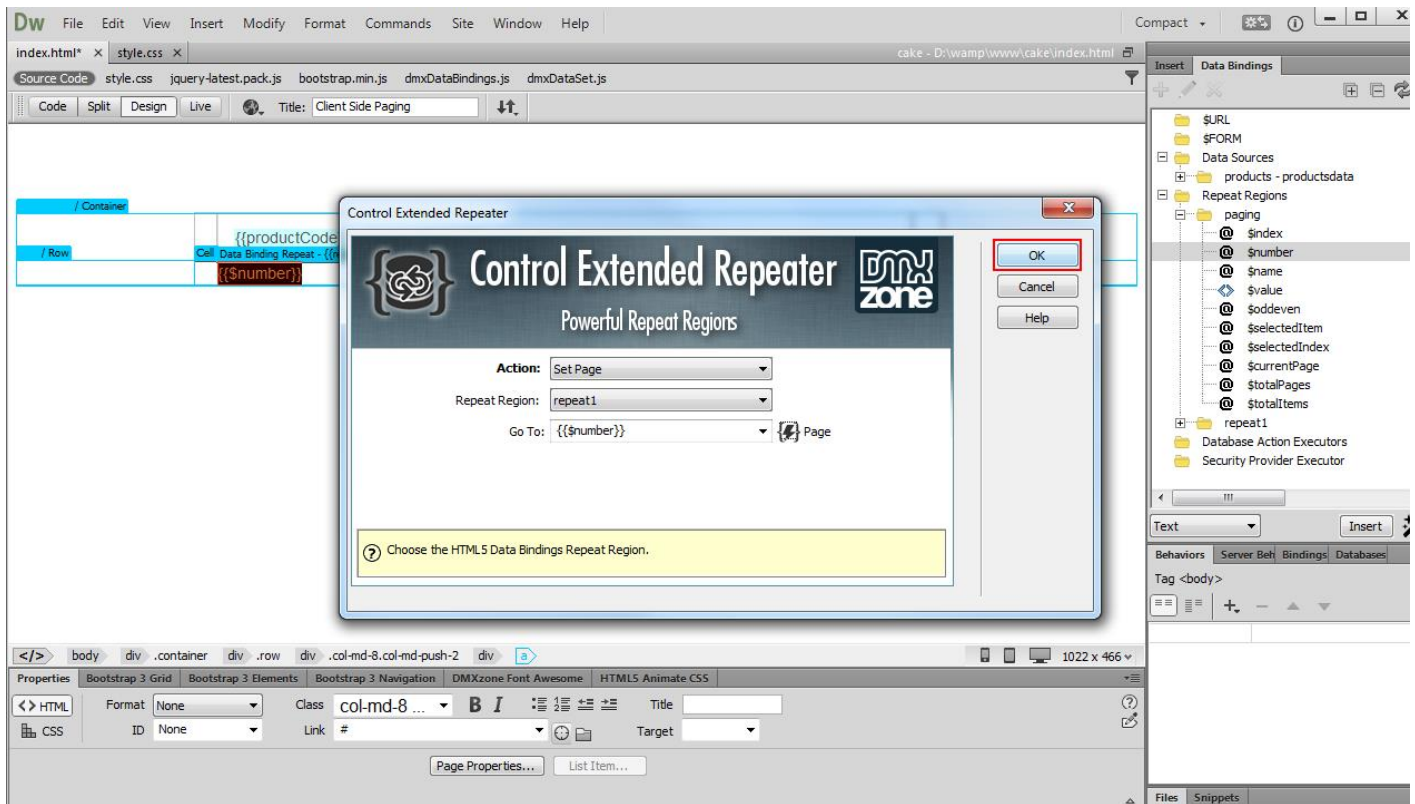




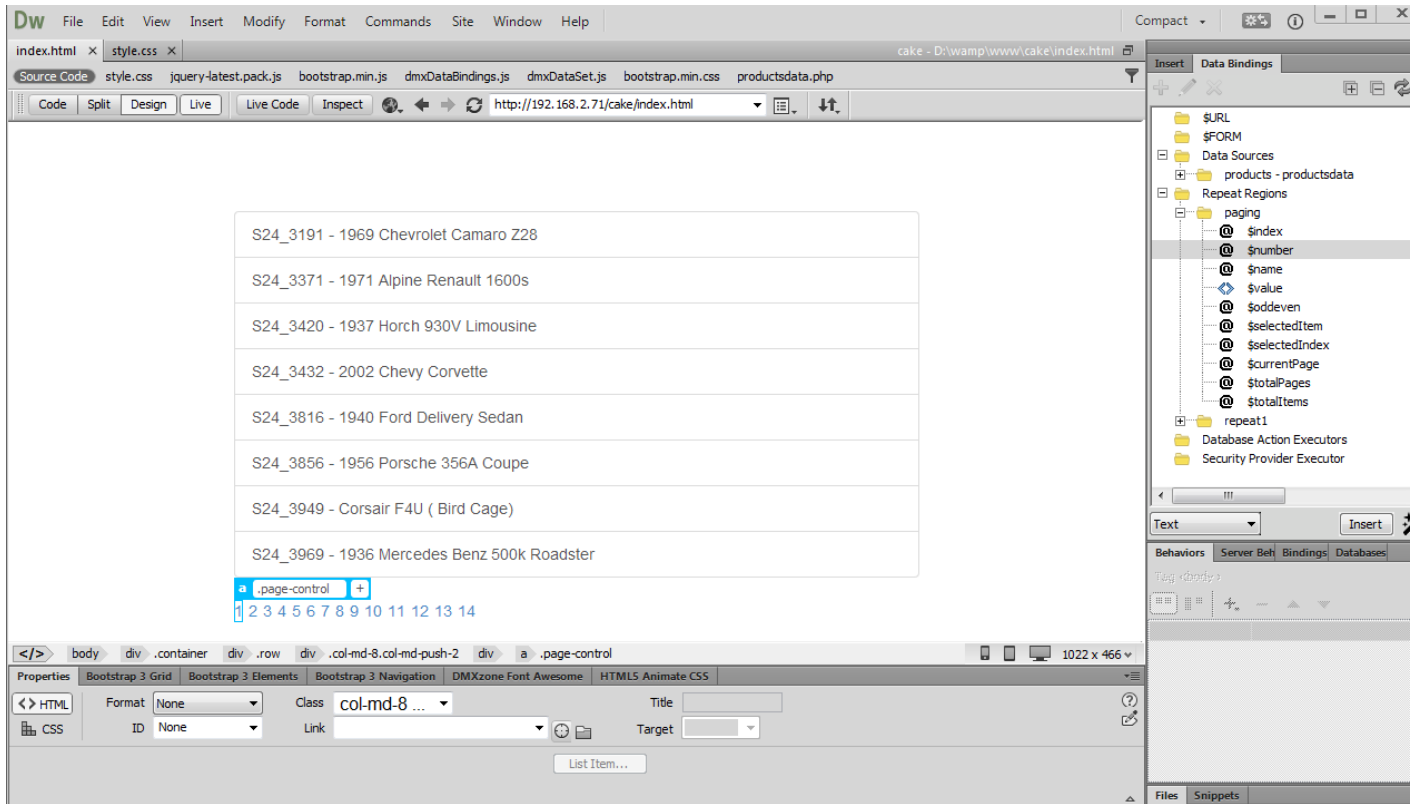
19. In the HTML5 Data Bindings Field Pickup window, select the **\$number** data element (1) and click **OK** button (2).



20. Click **Ok button** in the Control Extended Repeater window.

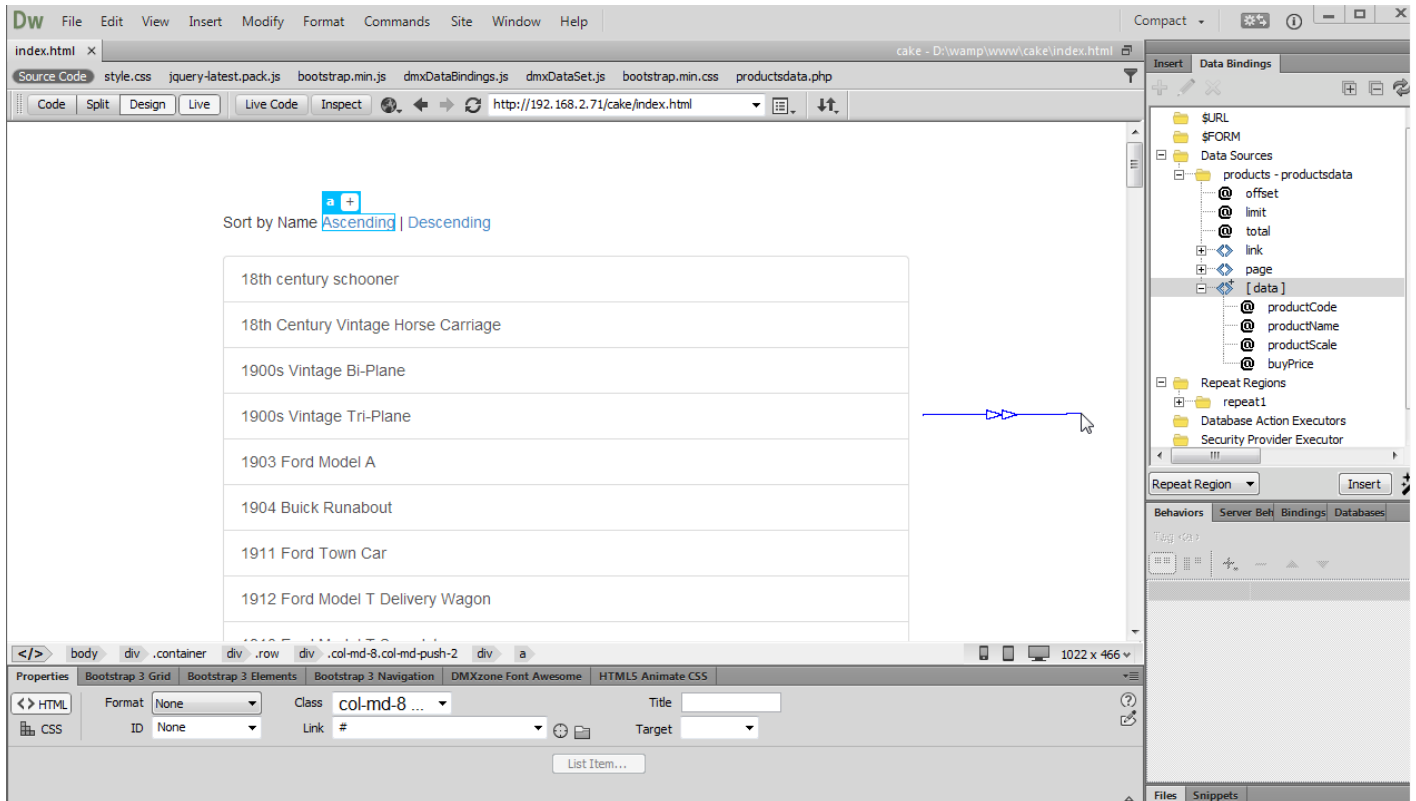


21. Now you can save your work and preview the results.



## Advanced: Sorting Data of a Repeat Region

In this tutorial we will show you how to sort the data of a repeat region based on a specific property.  
\*You can also check out the [video](#).



## How to do it

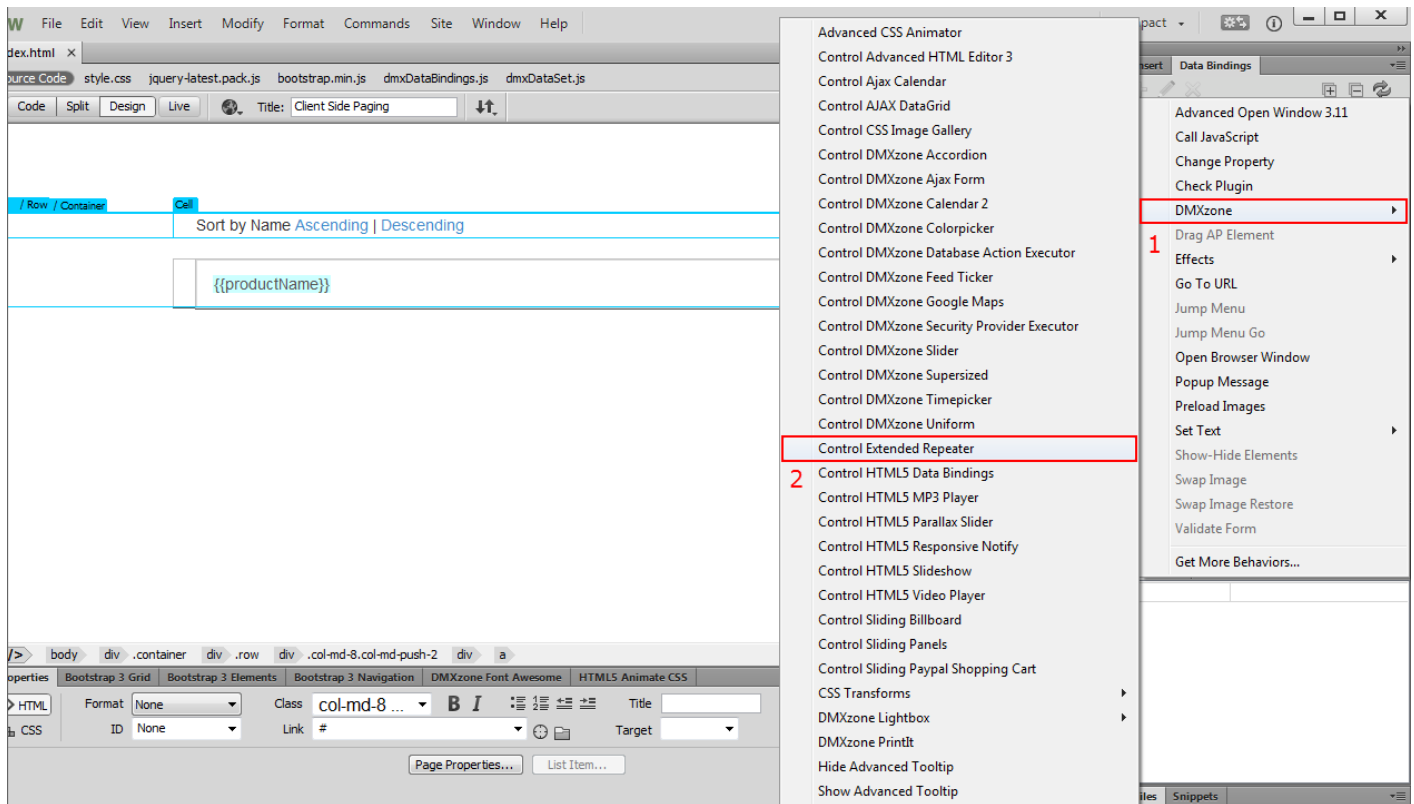
1. We created a simple page layout containing a repeat region with dynamic data. We added two text buttons that we want to use in order to sort our repeat region data by name. Select **sort ascending button (1)** and **click add behavior button (2)**.

The screenshot shows a web development IDE with a page layout editor. The main workspace displays a Bootstrap grid layout. A row contains a column with the text "Sort by Name" followed by a button labeled "Ascending" (marked with a red box and the number 1) and another column with the text "Descending". Below this row is a data binding repeater region containing a text box with the placeholder text "{{productName}}".

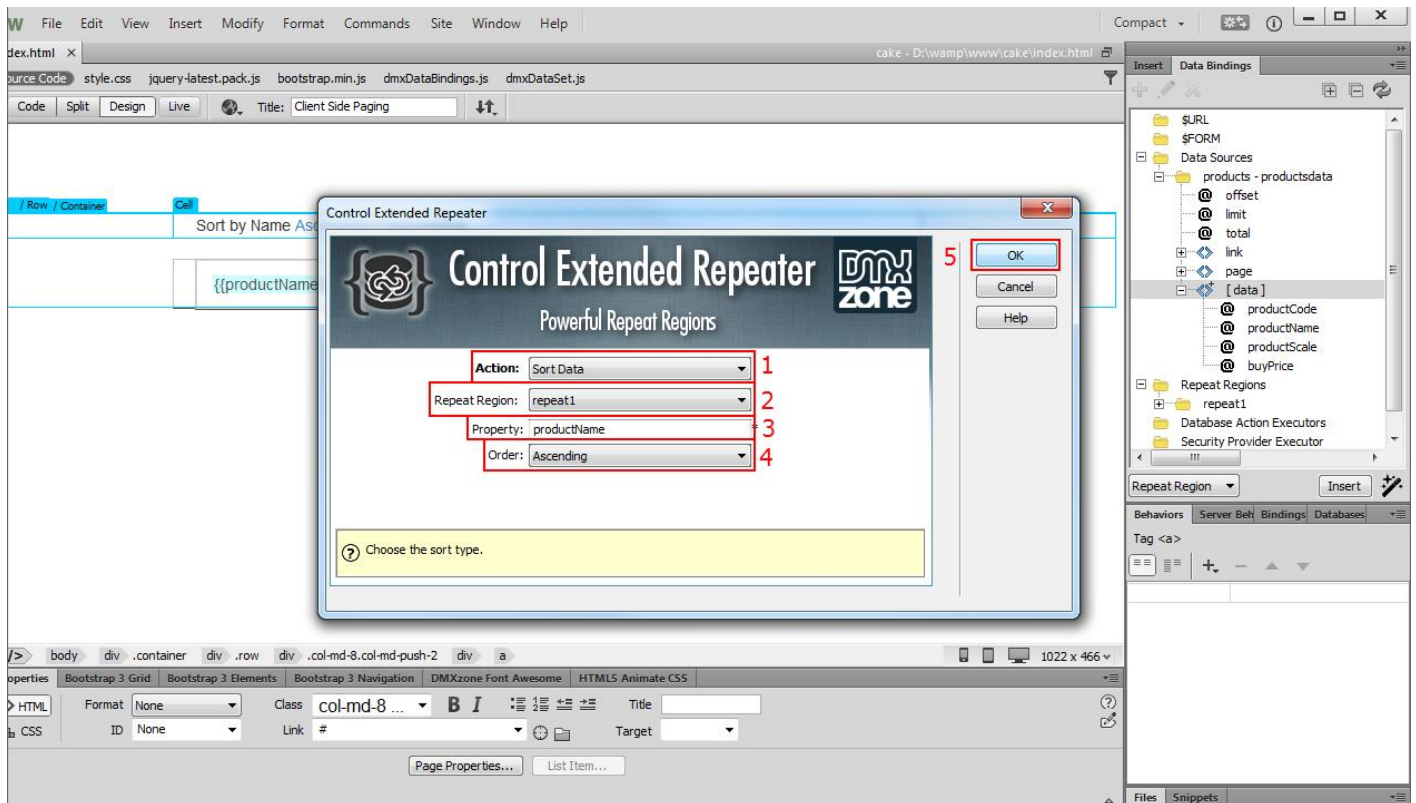
The right-hand side of the IDE features a "Data Bindings" panel. It shows a tree view of data sources and bindings. The "Data Sources" section includes "products - productsdata" with sub-items like "offset", "limit", "total", "link", and "page". The "Repeat Regions" section includes "repeat1" with sub-items like "productCode", "productName", "productScale", and "buyPrice". Below the tree view, there is a "Repeat Region" dropdown and an "Insert" button. The "Behaviors" tab is active, showing a "Tag <a>" section with a red box and the number 2 next to a plus sign (+) button.

The bottom of the IDE shows a "Properties" panel with various settings for the selected element, including "Format", "Class", "ID", "Link", "Title", and "Target".

2. Select the **DMXzone menu item (1)** and choose **Control Extended Repeater menu item (2)**.



- In the Control Extended Repeater window, select **sort data item** from the action menu (1) choose the repeat region on your page that you want to sort (2) and **enter the property** that you want to sort your data by. We want to sort our data by **productName** so we just enter the property name: **productName** (3). Also we select **ascending order** (4). When you're done, **click OK** (5). We do the same for the descending button, this time we select **descending order**.



4. Now you can save your work and preview the results.

The screenshot shows a web development IDE with a live preview of a data table. The table contains the following data:

Sort by Name Ascending   Descending
1969 Harley Davidson Ultimate Chopper
1952 Alpine Renault 1300
1996 Moto Guzzi 1100i
2003 Harley-Davidson Eagle Drag Bike
1972 Alfa Romeo GTA
1962 LanciaA Delta 16V
1968 Ford Mustang
2001 Ferrari Enzo

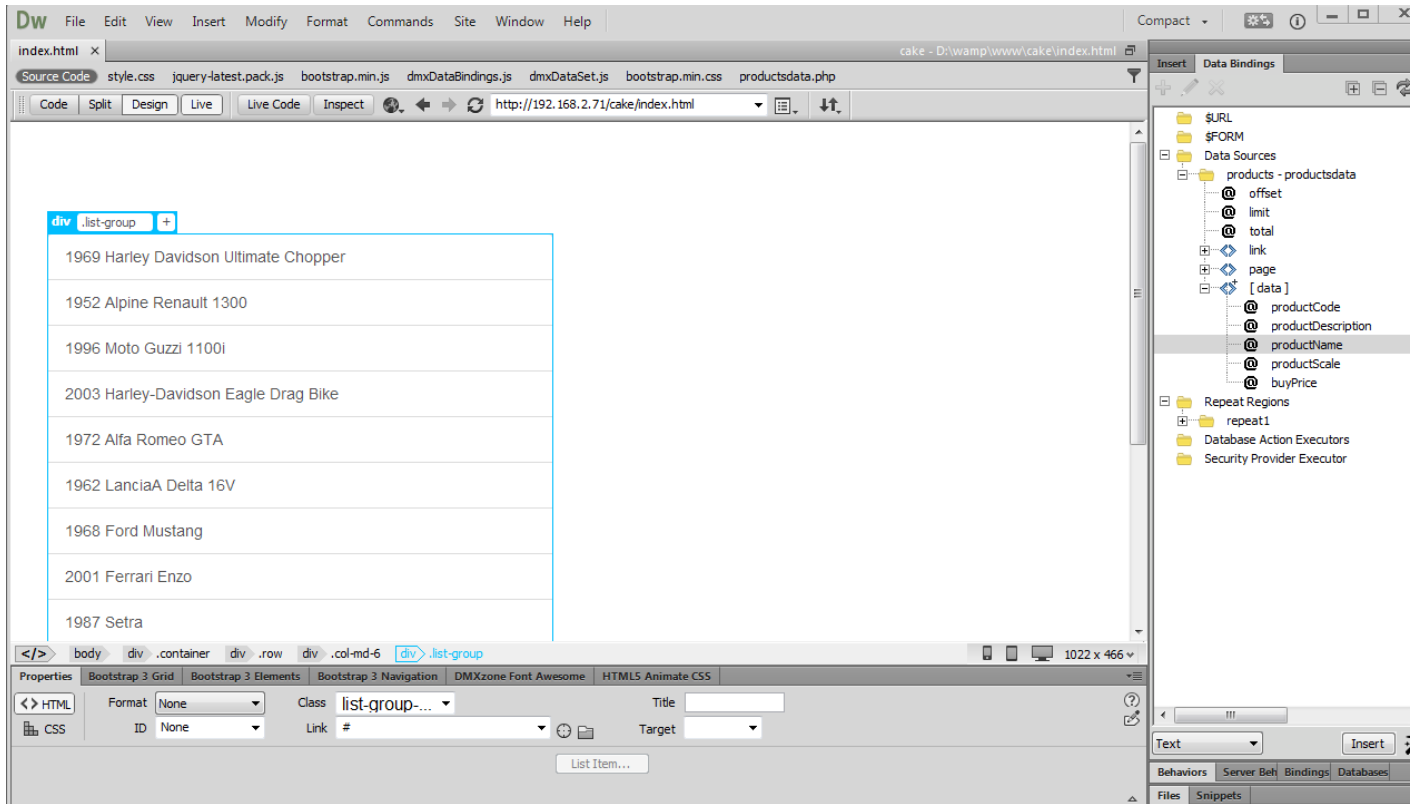
The IDE interface includes a menu bar (File, Edit, View, Insert, Modify, Format, Commands, Site, Window, Help), a toolbar with buttons for Code, Split, Design, Live, Live Code, and Inspect. A tooltip over the 'Live' button reads 'Switch Design View to Live View'. The right sidebar shows a 'Data Bindings' tree with a 'Repeat Region' selected. The bottom panel shows the 'Properties' window for the selected element, with fields for Format, ID, Class (col-md-8...), Title, and Link.



## Advanced: Set the Start Index of an HTML5 Data Bindings Repeat Region

In this tutorial we will show you how to set the start index of an [HTML5 Data Bindings](#) repeat region.

\*You can also check out the [video](#).



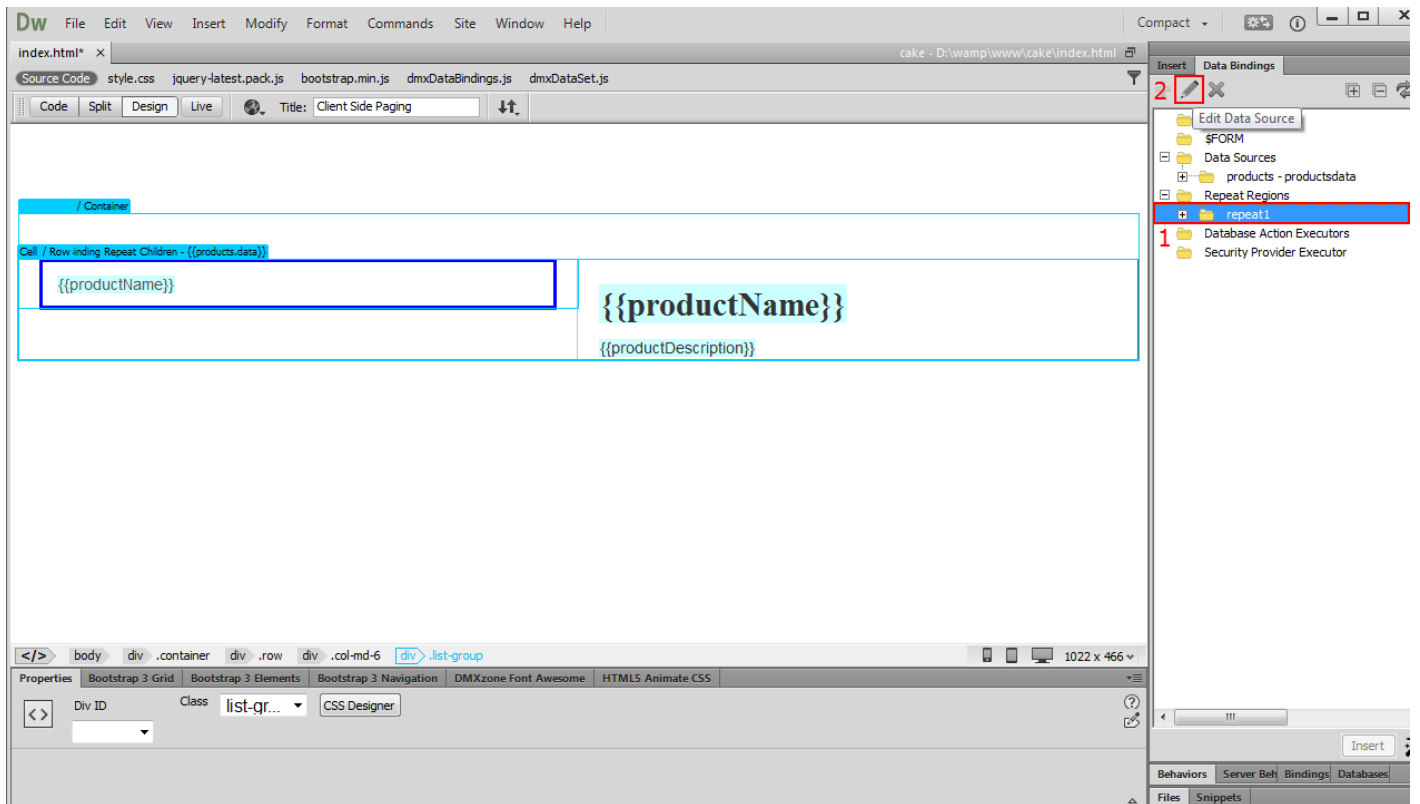
The screenshot shows the Adobe Dreamweaver interface. The main workspace displays a browser window with a list of motorcycles. The list items are:

- 1969 Harley Davidson Ultimate Chopper
- 1952 Alpine Renault 1300
- 1996 Moto Guzzi 1100i
- 2003 Harley-Davidson Eagle Drag Bike
- 1972 Alfa Romeo GTA
- 1962 LanciaA Delta 16V
- 1968 Ford Mustang
- 2001 Ferrari Enzo
- 1987 Setra

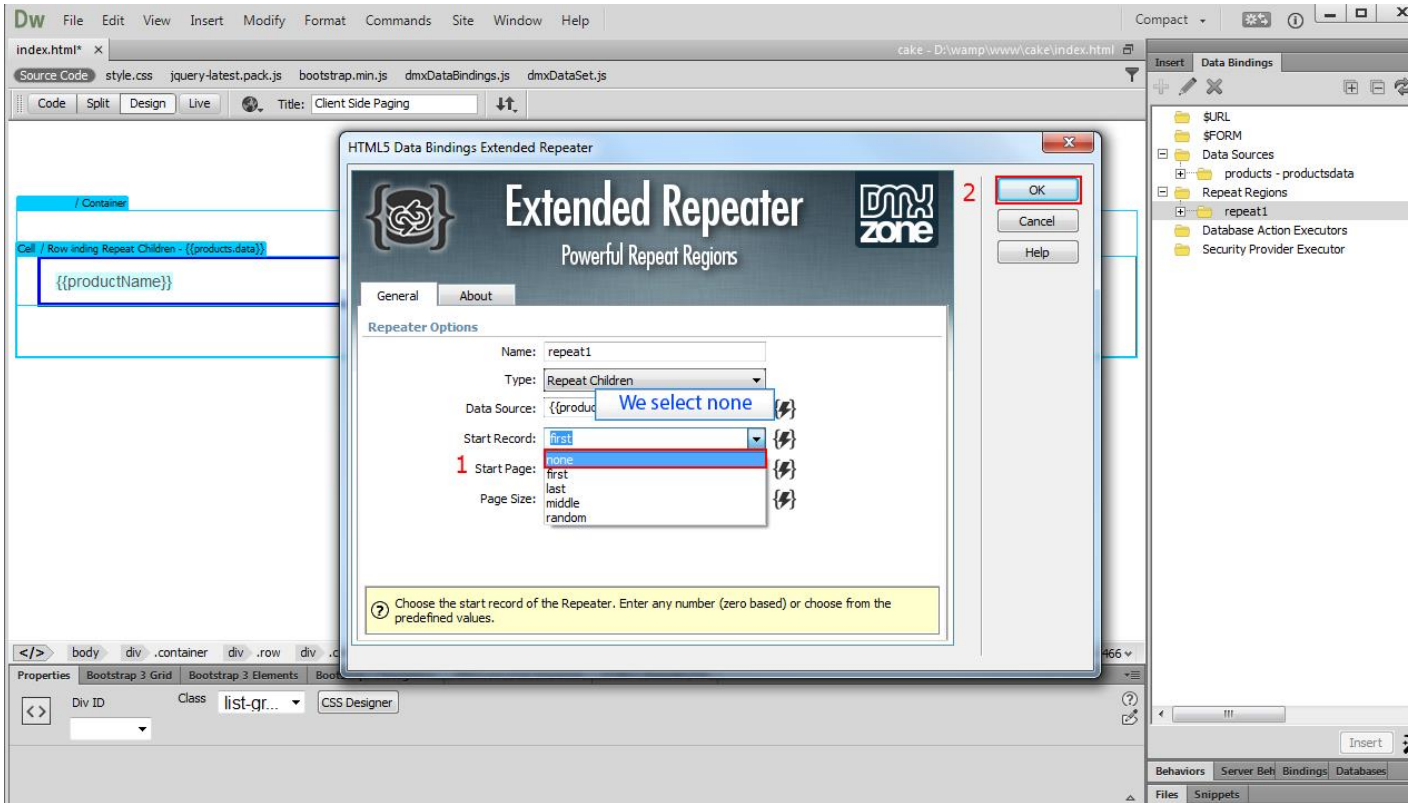
The right-hand side of the interface shows the 'Data Bindings' panel with a tree view of the data source structure. The 'products - productsdata' folder is expanded, showing properties like 'offset', 'limit', 'total', 'link', 'page', and '[ data ]'. The '[ data ]' folder is further expanded to show 'productCode', 'productDescription', 'productName', 'productScale', and 'buyPrice'. Below the browser window, the 'Properties' panel shows the selected element is a 'div' with the class 'list-group'.

## How to do it

1. We created a simple page, which contains a repeat region that shows our products names and a detail region that shows the selected product description. We want to hide the detail region when our page initially loads. Select your **repeat region (1)** and **hit edit button (2)**.



- In the HTML5 Data Bindings Extended Repeater window, open the start record menu and select none (1). Click **OK button** (2).



3. Now you can save your work and preview the results.

The screenshot displays the Adobe Dreamweaver interface. The main workspace shows a live preview of a Bootstrap list group. The list contains the following items:

- 1969 Harley Davidson Ultimate Chopper
- 1952 Alpine Renault 1300
- 1996 Moto Guzzi 1100i
- 2003 Harley-Davidson Eagle Drag Bike
- 1972 Alfa Romeo GTA
- 1962 LanciaA Delta 16V
- 1968 Ford Mustang
- 2001 Ferrari Enzo
- 1987 Setra

The right sidebar shows the Data Bindings panel with a tree view of the data source 'products - productsdata' and its fields:

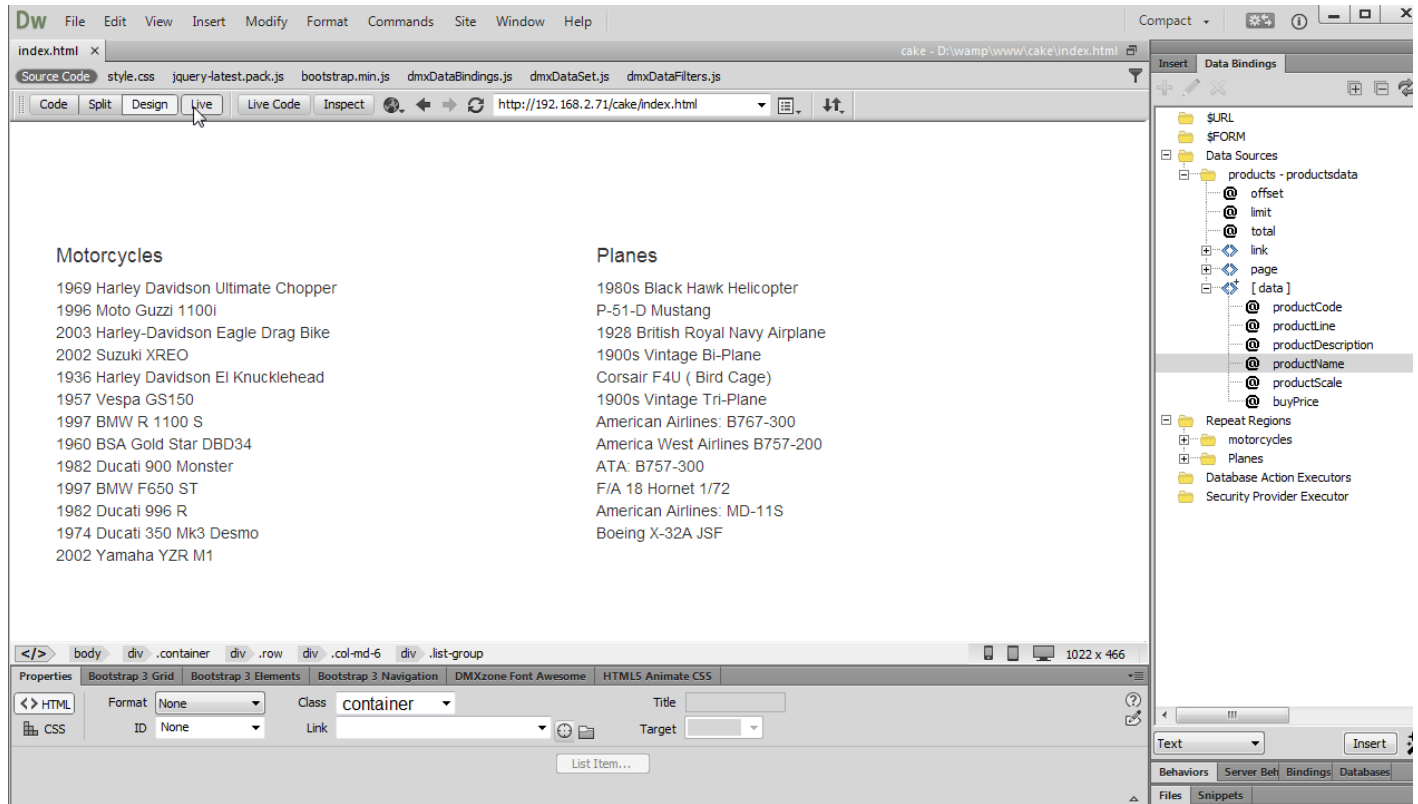
- products - productsdata
  - offset
  - limit
  - total
  - link
  - page
  - [ data ]
    - productCode
    - productDescription
    - productName
    - productScale
    - buyPrice
- Repeat Regions
  - repeat1
- Database Action Executors
- Security Provider Executor

The Properties panel at the bottom shows the selected element is a Bootstrap list group with the class 'list-group-...' and a link '#'. The 'List Item...' button is visible below the Properties panel.

## Advanced: Creating Custom Repeaters

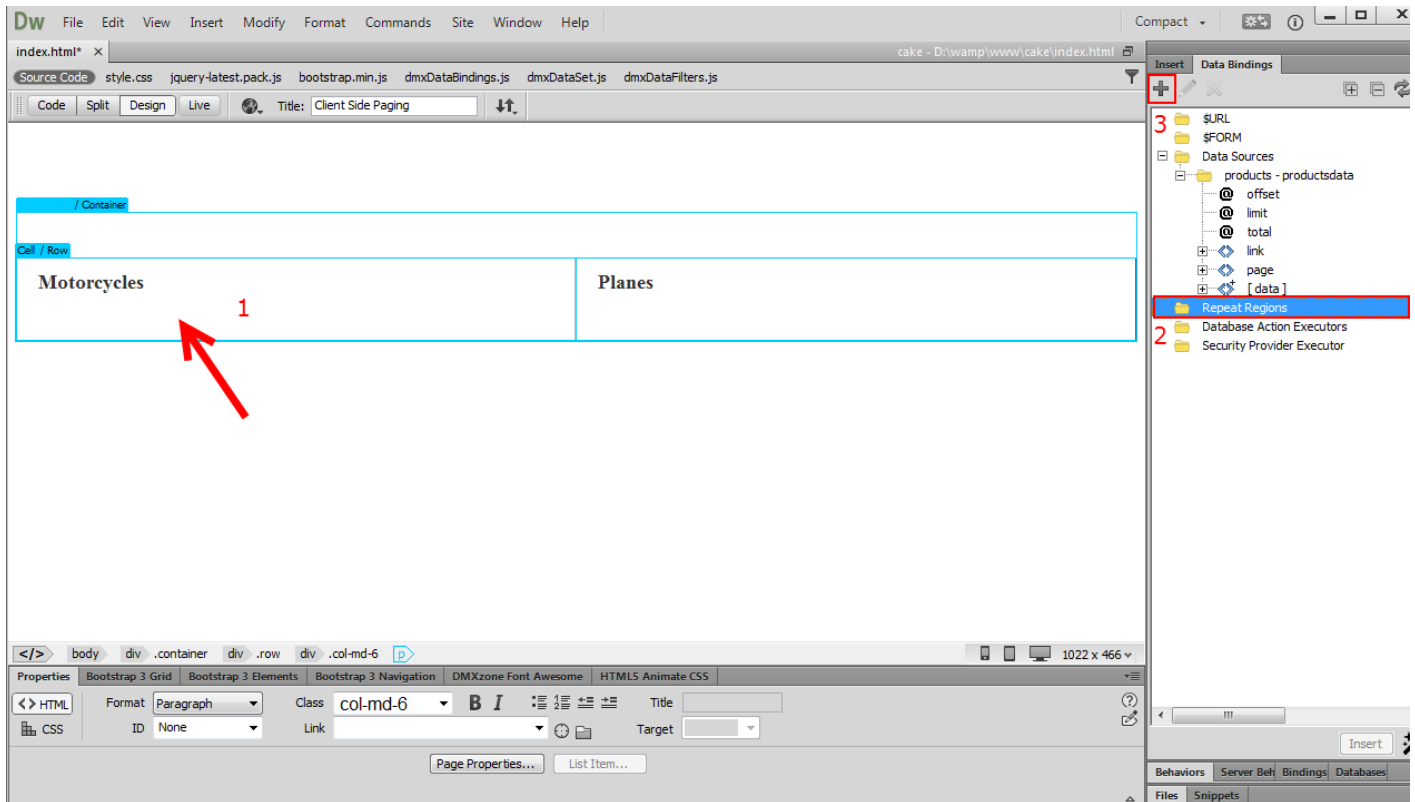
In this tutorial we will show you how to create custom repeaters using [HTML5 Data Bindings Extended Repeater](#) and [HTML5 Data Bindings Formatter](#).

\*You can also check out the [video](#).

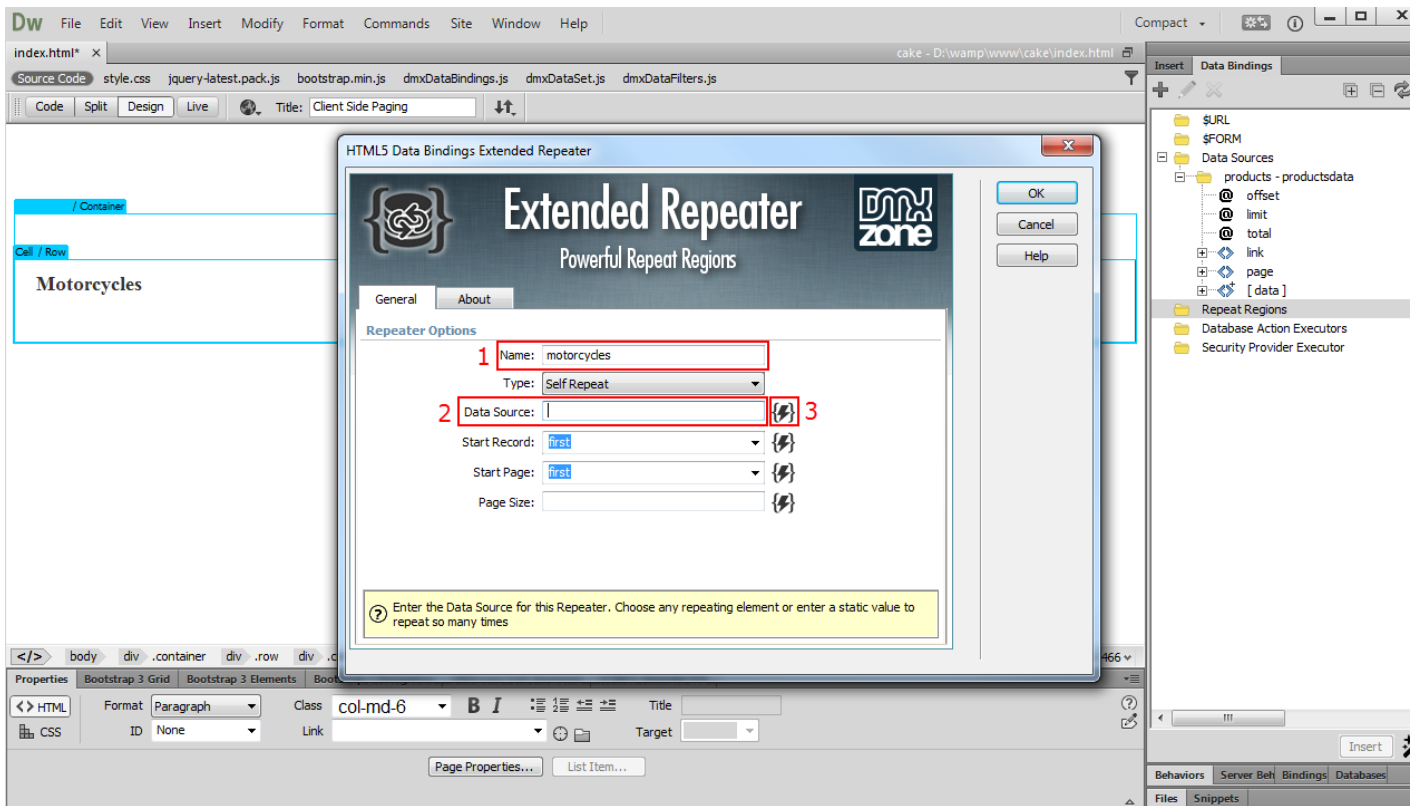


## How to do it

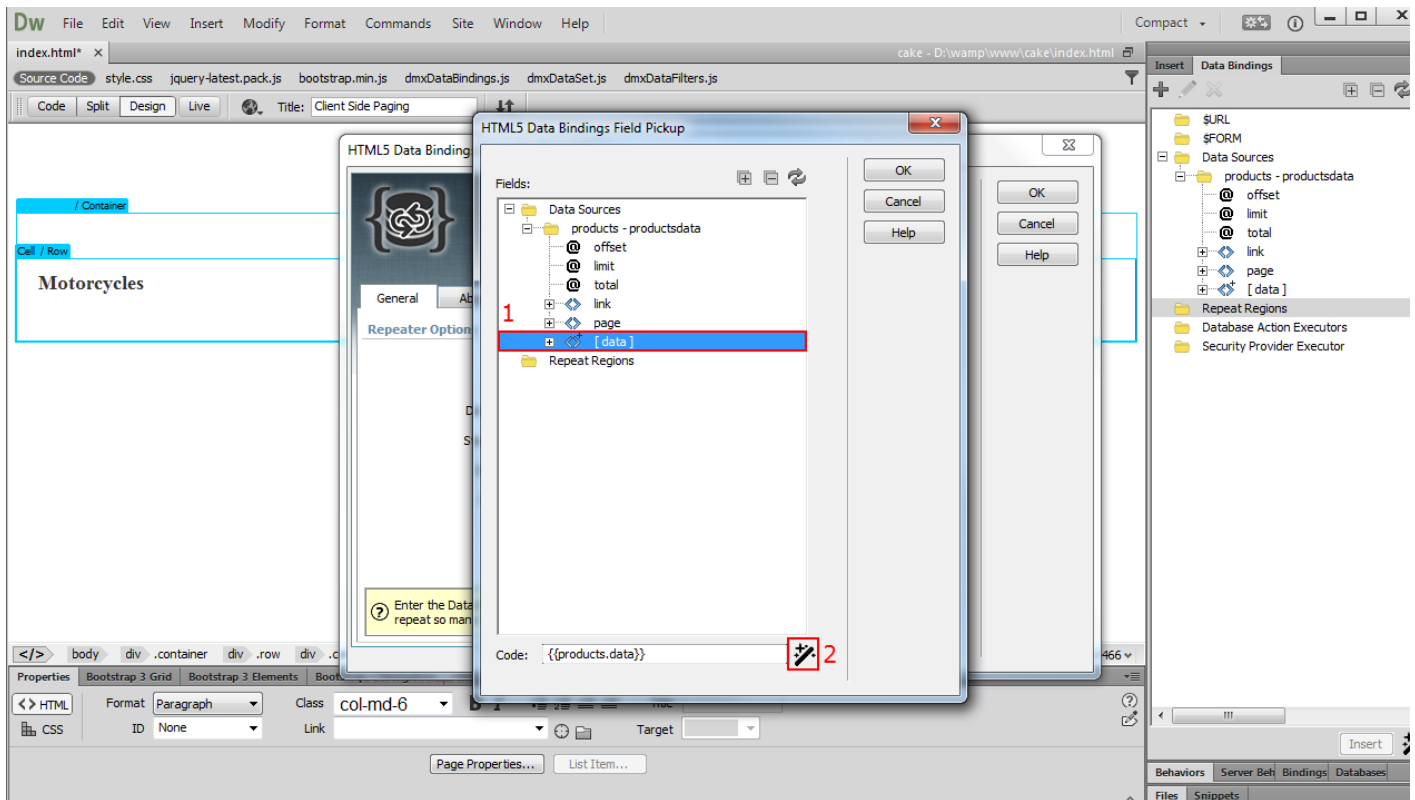
1. We created a simple two column layout. We want to use the same data source in order to display products that belong to two different categories - Motorcycles and Planes. This is very useful as you can reuse the same data source on your page as many times as you need. Click **inside the first column (1)**, select **repeat regions (2)** and click **add new button (3)**.



2. In the HTML5 Data Bindings Extended Repeater window, add a **name for the repeater (1)**, select your **data source (2)** and click the **dynamic data button (3)**.

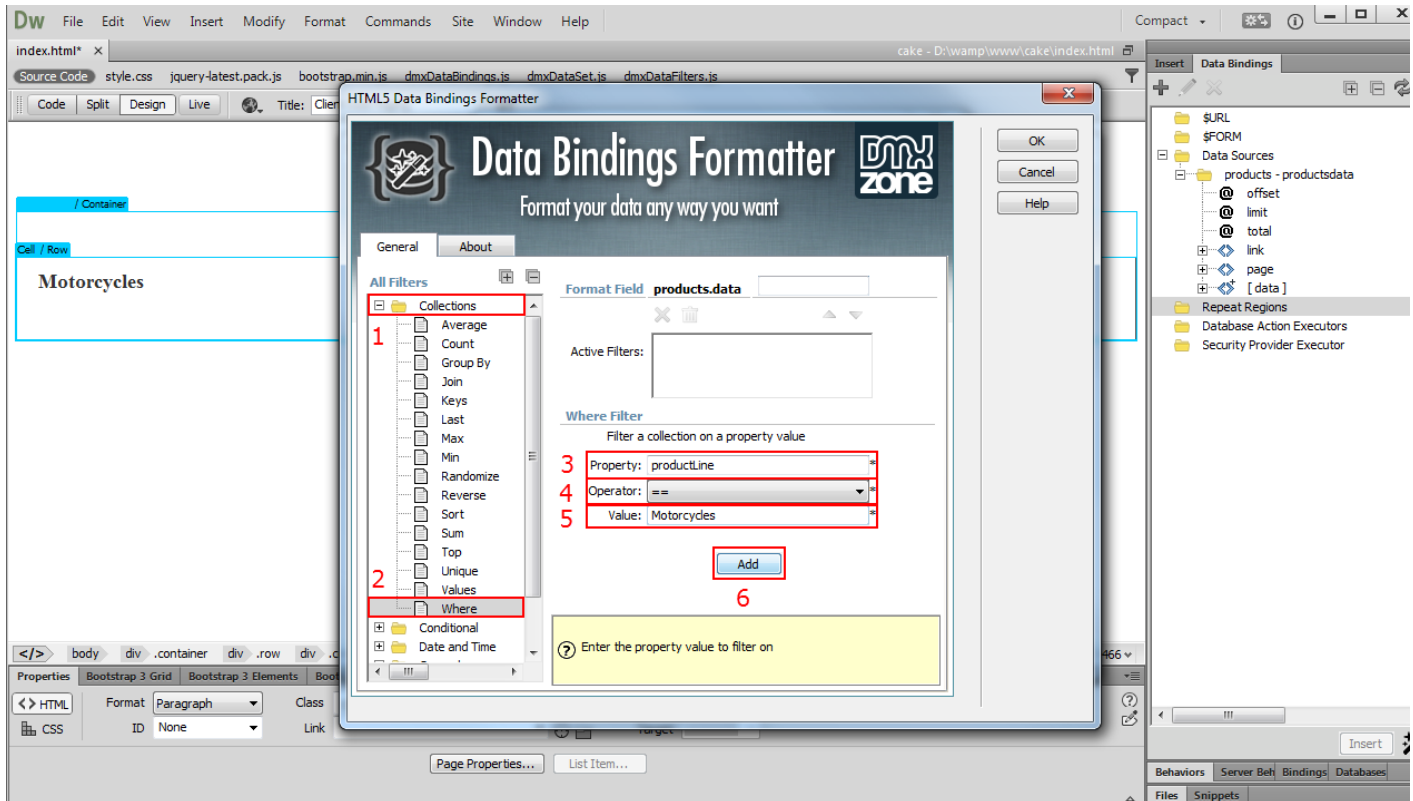


3. In the HTML5 Data Bindings Field Pickup window, select the **[data]** repeating element of your data source **(1)** and click **Format Data Bindings icon (2)**.

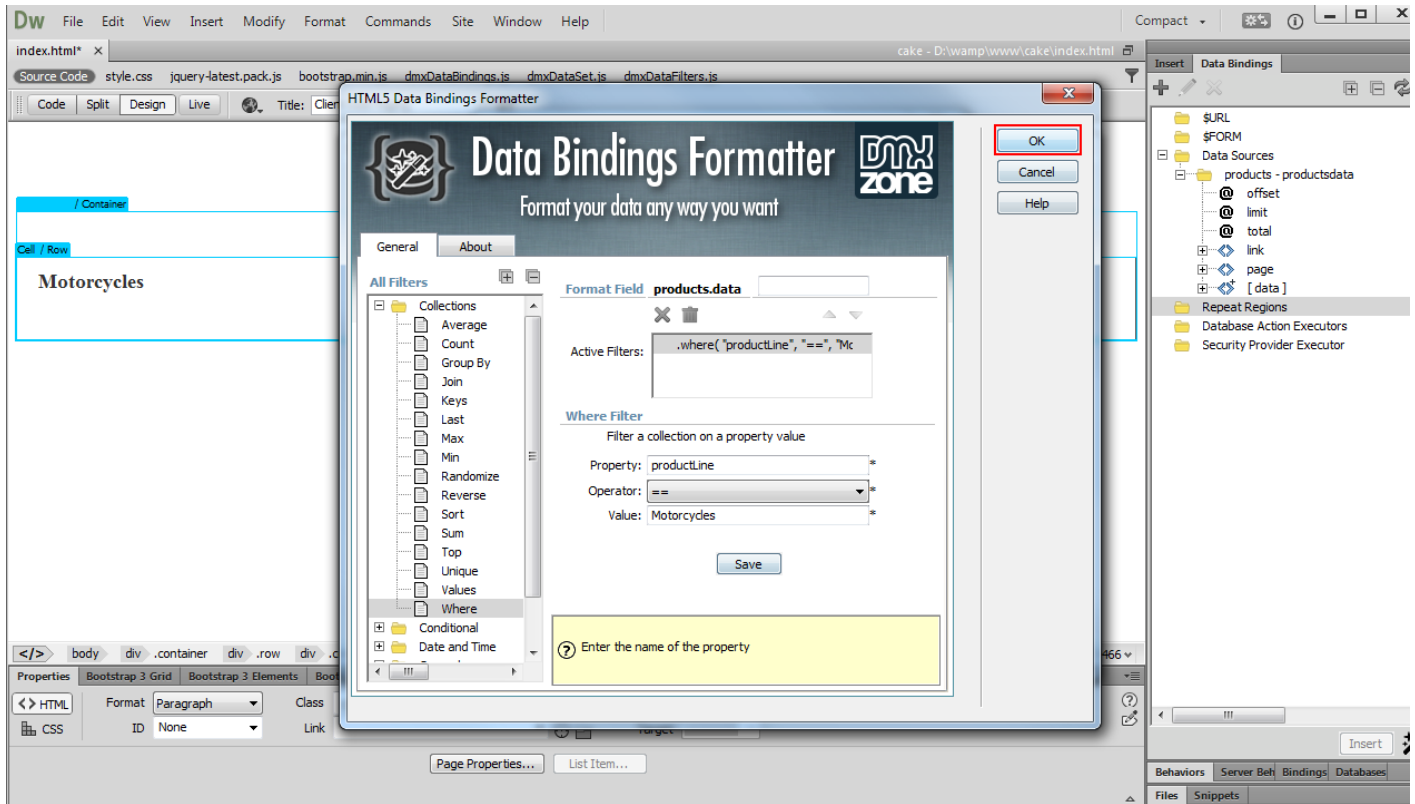




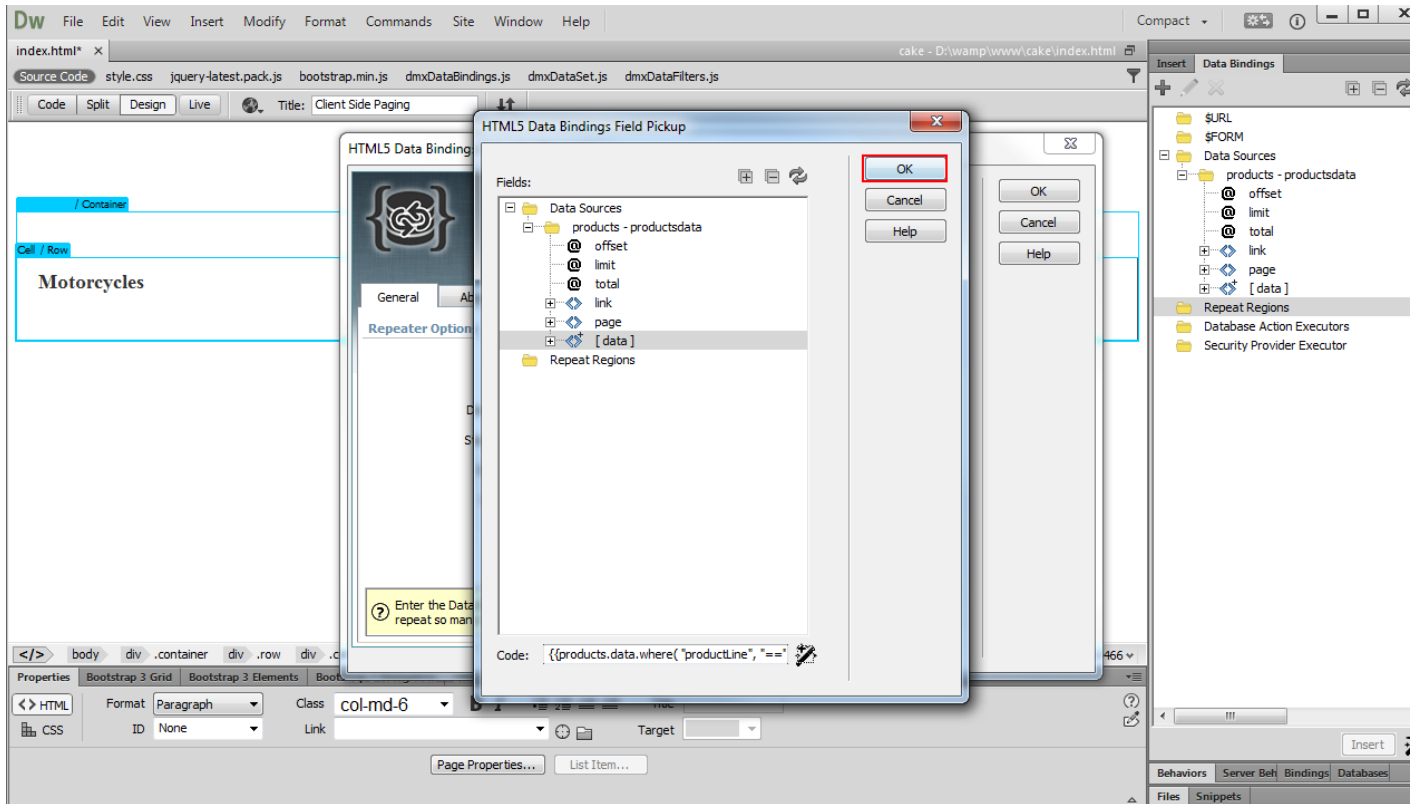
4. In the HTML5 Data Bindings Formatter window, select **collections (1)** and choose **where filter (2)**. We want to filter our products by the **productLine column (3)** and choose the **== operator (4)**. We also want to show only the products that belong to the **Motorcycles category (5)**. When you're done, click **add button (5)**.



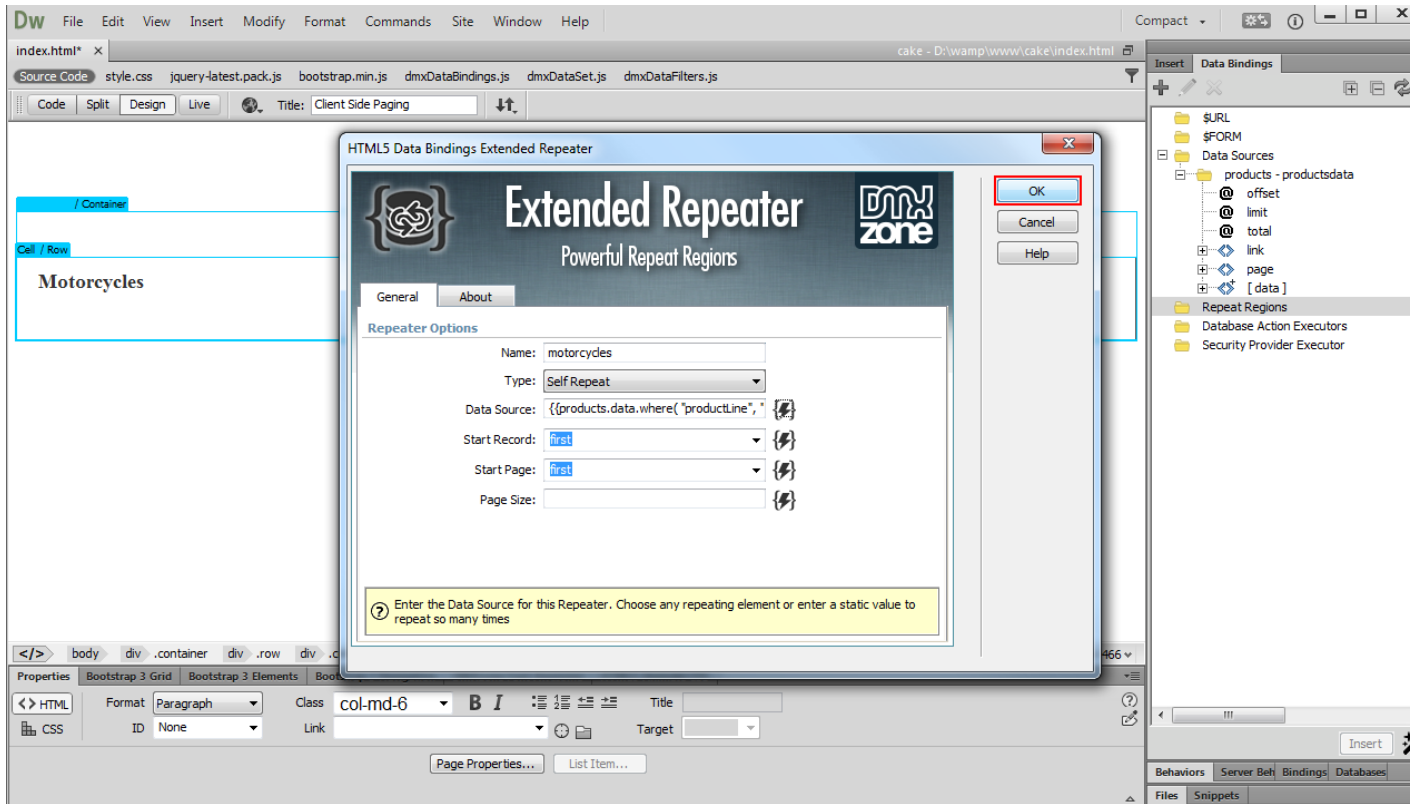
5. Click **Ok** button.



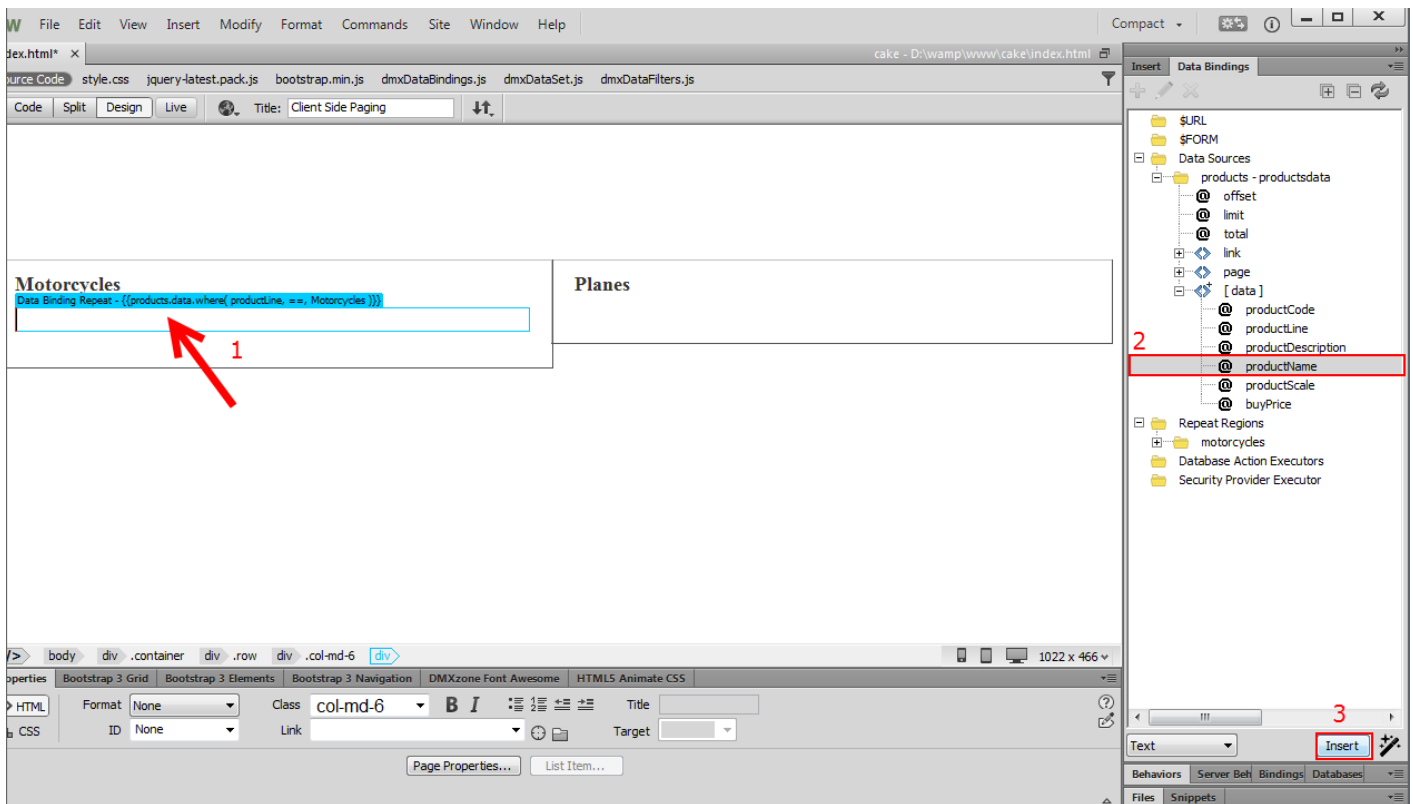
6. And again...



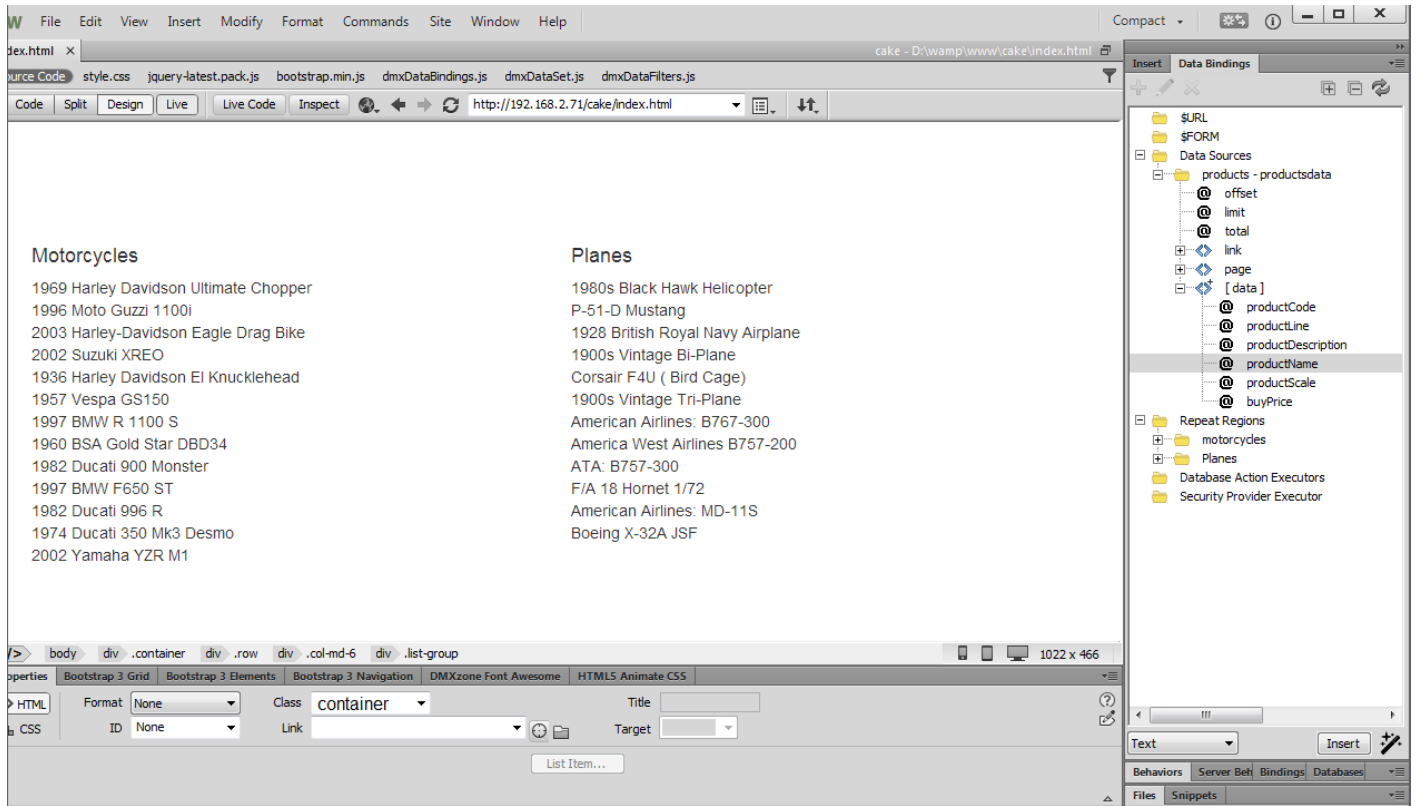
7. And again...



- Click **inside the custom repeater** that we added (1), select the **data element** that you want to show in the repeater - we use the product name (2) and **click insert button** (3). We do the same for the Planes column, this time using "Planes" as a value for the where filter.



9. Now you can save your work and preview the results.



## Video: Client Side Pagination



With this [movie](#) we will show you how to add client side paging to your content. This way you can number your pages and go directly to the desired one.

## Video: Sorting the Repeat Region Data



With this [movie](#) we will show you how to sort the data of a repeat region based on a specific property.

## Video: Custom Start Index for HTML5 Data Bindings Repeat Region



With this [movie](#) we will show you how to set the start index of an [HTML5 Data Bindings](#) repeat region.

## Video: Creating Custom Repeaters



With this [movie](#) we will show you how to create custom repeaters using [HTML5 Data Bindings Extended Repeater](#) and [HTML5 Data Bindings Formatter](#).