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About HTML5 Data Bindings



So you want to build dynamic web apps and interactive pages? Empower solutions like single page apps and Ajax driven websites? This is all possible with the new [HTML5 Data Bindings](#) Dreamweaver extension. The extension is powered by a stunning jQuery based template engine that helps you populate your data super-fast on the page. Your data is represented fully visual in a tree so you can bind it directly on your page in Dreamweaver design mode. Also, you can add smart repeat regions, detail regions, nested repeat regions and even repeat regions within a detail region.

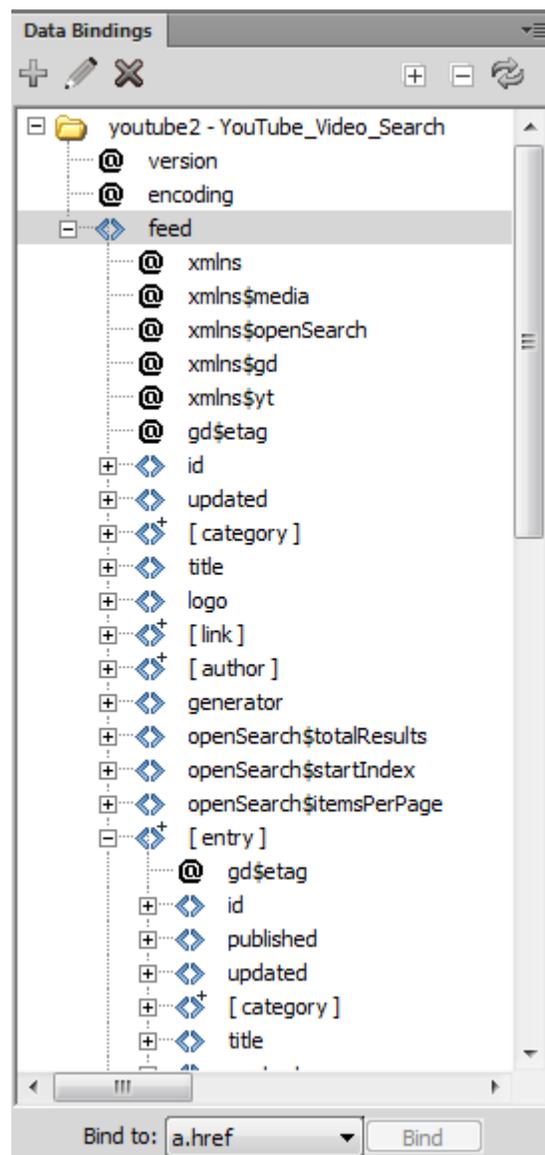
This amazing tool lets you to choose from many supplied standard feeds as well as custom ones, or from a local JSON file. For each chosen feed an interface with feed specific options is shown, so you can directly enter the needed feed parameters.

The extension is fully controllable by behaviors and also when you are loading various HTML5 Data Sources on your page you can fire up actions to show and hide regions or loading messages, when the data is loaded successfully or not from the DMXzone Behavior connector.

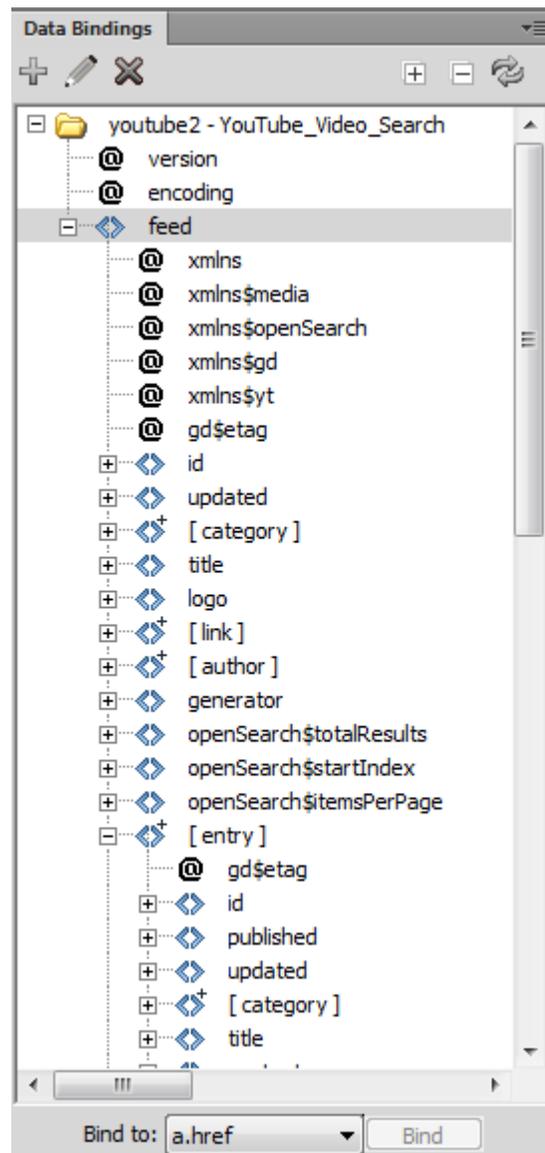
Features in Detail

General Features

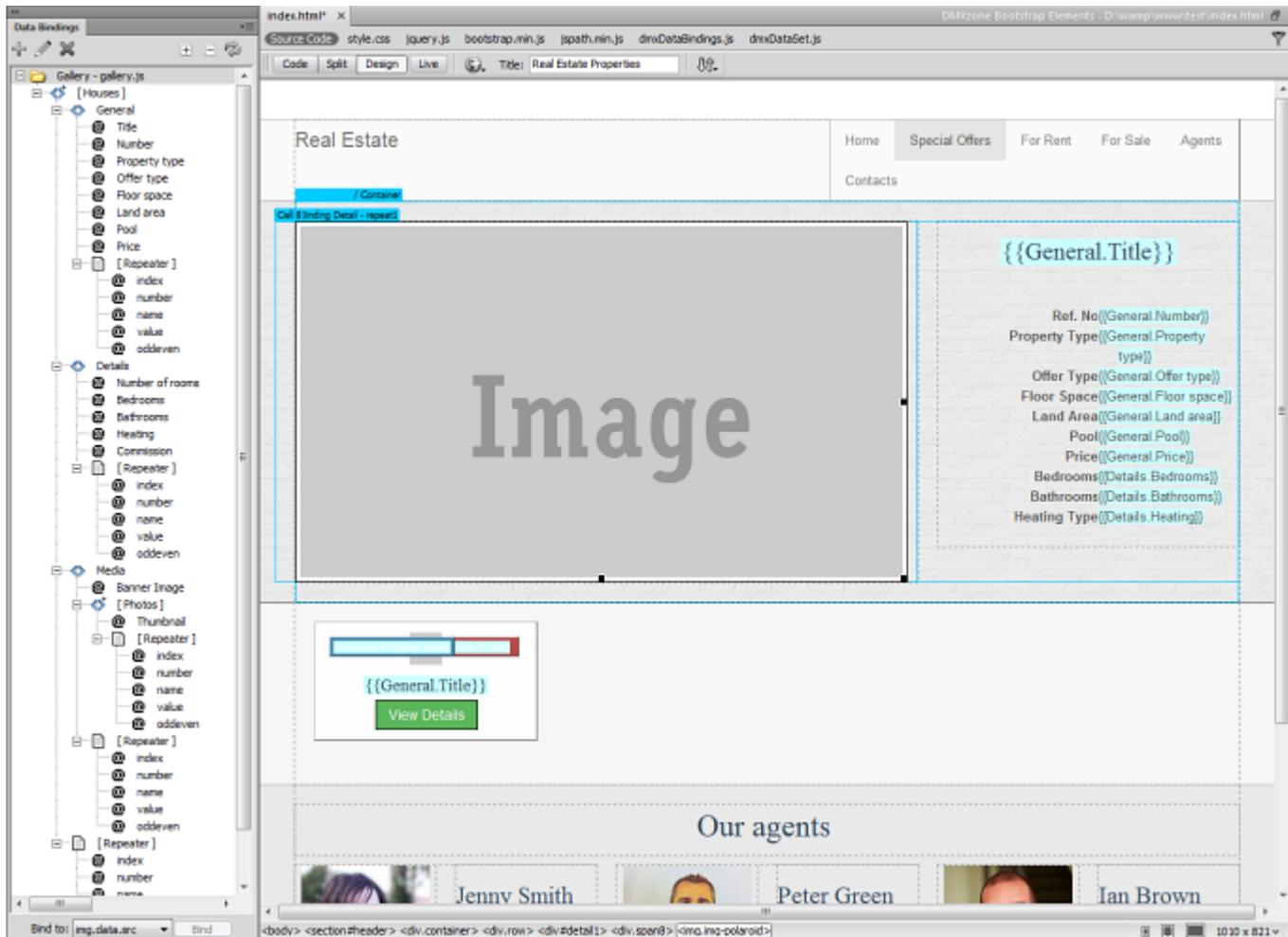
- **Display your data structure fully visual in Dreamweaver with the HTML5 Data Bindings floating panel -** When you choose to add a HTML5 Data Source, its data and structure is fetched directly and it is displayed in a nice tree view control within the special HTML5 Data Bindings Floating panel available from the Window Menu. You can dock the floating panel on any side of Dreamweaver, but the left side is preferable for the best view as you will also need it quite often to be able to insert the data bindings from it.



- **Display your data structure fully visual in Dreamweaver with the HTML5 Data Bindings floating panel -**
When you choose to add a HTML5 Data Source, its data and structure is fetched directly and it is displayed in a nice tree view control within the special HTML5 Data Bindings Floating panel available from the Window Menu. You can dock the floating panel on any side of Dreamweaver, but the left side is preferable for the best view as you will also need it quite often to be able to insert the data bindings from it.

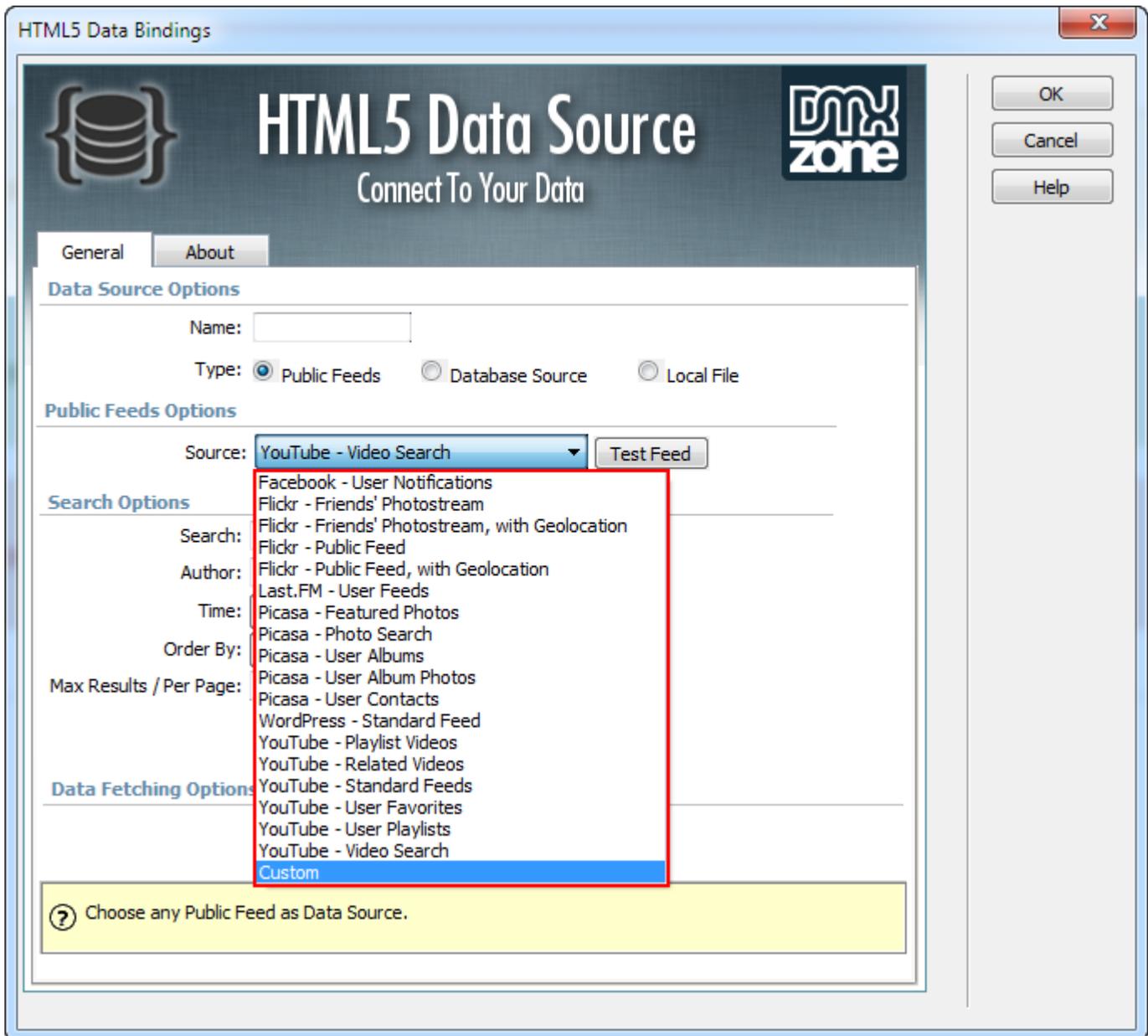


- **Build fully dynamic client side pages** - It's all done, fully visual within Dreamweaver! Now with the HTML5 Data Bindings, you can connect to any JSON data source and use it to populate any data on your pages.



Feeds

- **Many standard feeds supplied** - Choose from the many feed such as: Flickr, YouTube, Facebook, Twitter, Last.FM and WordPress.



- **Fully parameterized feeds** - For each chosen feed an interface with feed specific options is shown, so you can directly enter the needed feed parameters! When you want to display the Picasa photos for a specific album, you can just enter the album ID in the appropriate field.

The screenshot shows a dialog box titled "HTML5 Data Bindings" with a close button (X) in the top right corner. The dialog has a dark header area with a database icon on the left, the text "HTML5 Data Source" in the center, and the "DMXzone" logo on the right. Below the header are two tabs: "General" (selected) and "About".

The "General" tab contains several sections:

- Data Source Options:** A text field for "Name" containing "Properties". Below it, three radio buttons for "Type": "Public Feeds" (selected), "Database Source", and "Local File".
- Public Feeds Options:** A dropdown menu for "Source" set to "Picasa - User Album Photos" and a "Test Feed" button.
- Search Options:** A red-bordered box containing:
 - "User ID:" text field with an asterisk.
 - "Album ID:" text field with an asterisk.
 - "Thumb Size:" dropdown menu set to "104 px, Cropped".
 - "Image Size:" dropdown menu set to "720 px, Uncropped".
 - "Max Results / Per Page:" text field containing "20".
- Data Fetching Options:** A "Behaviors" button.

At the bottom of the dialog, a yellow highlighted box contains a question mark icon and the text: "Enter the Album ID for which to retrieve its photos". On the right side of the dialog, there are three buttons: "OK", "Cancel", and "Help".

- **Custom feeds** – If your feed is not on the list you can always enter your feed URL directly. You can access all the feed data in the data bindings panel.

HTML5 Data Bindings

HTML5 Data Source

Connect To Your Data

General About

Data Source Options

Name:

Type: Public Feeds Database Source Local File

Public Feeds Options

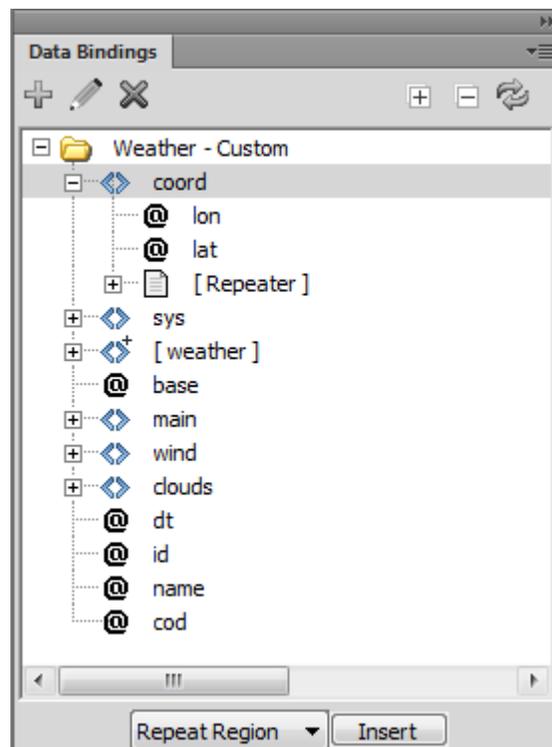
Source: Custom

Feed URL:

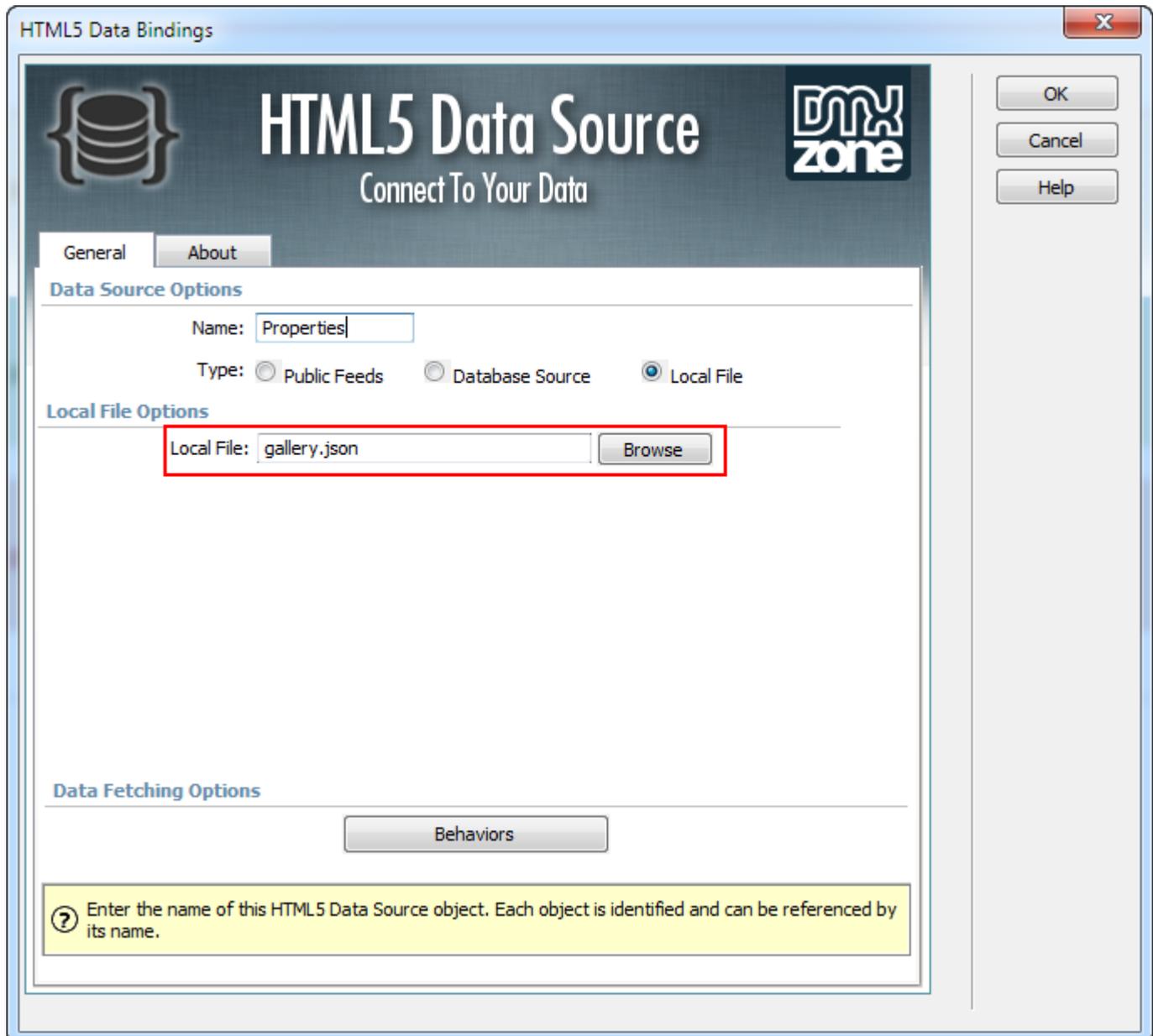
Data Fetching Options

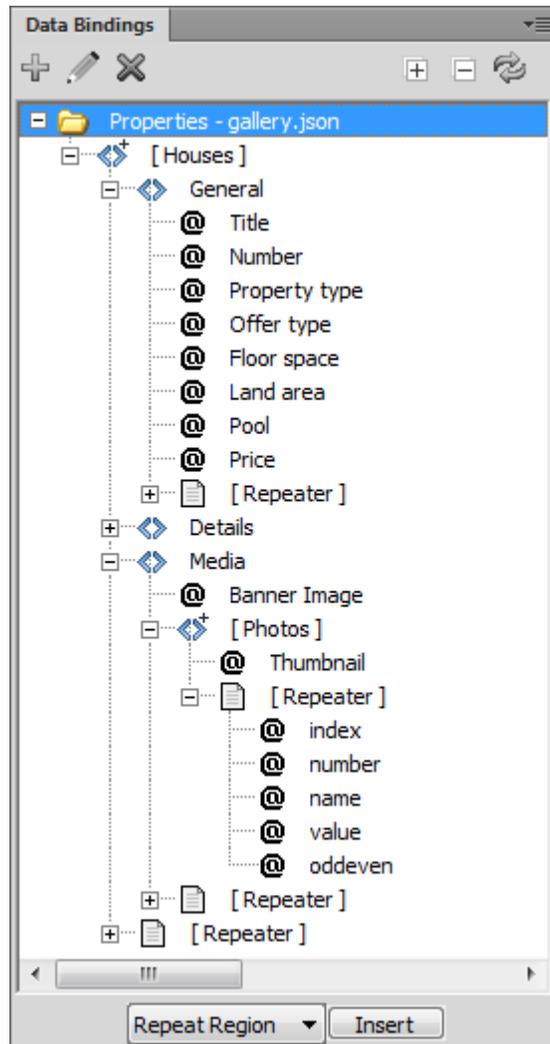
? Enter the name of this HTML5 Data Source object. Each object is identified and can be referenced by its name.

OK
Cancel
Help



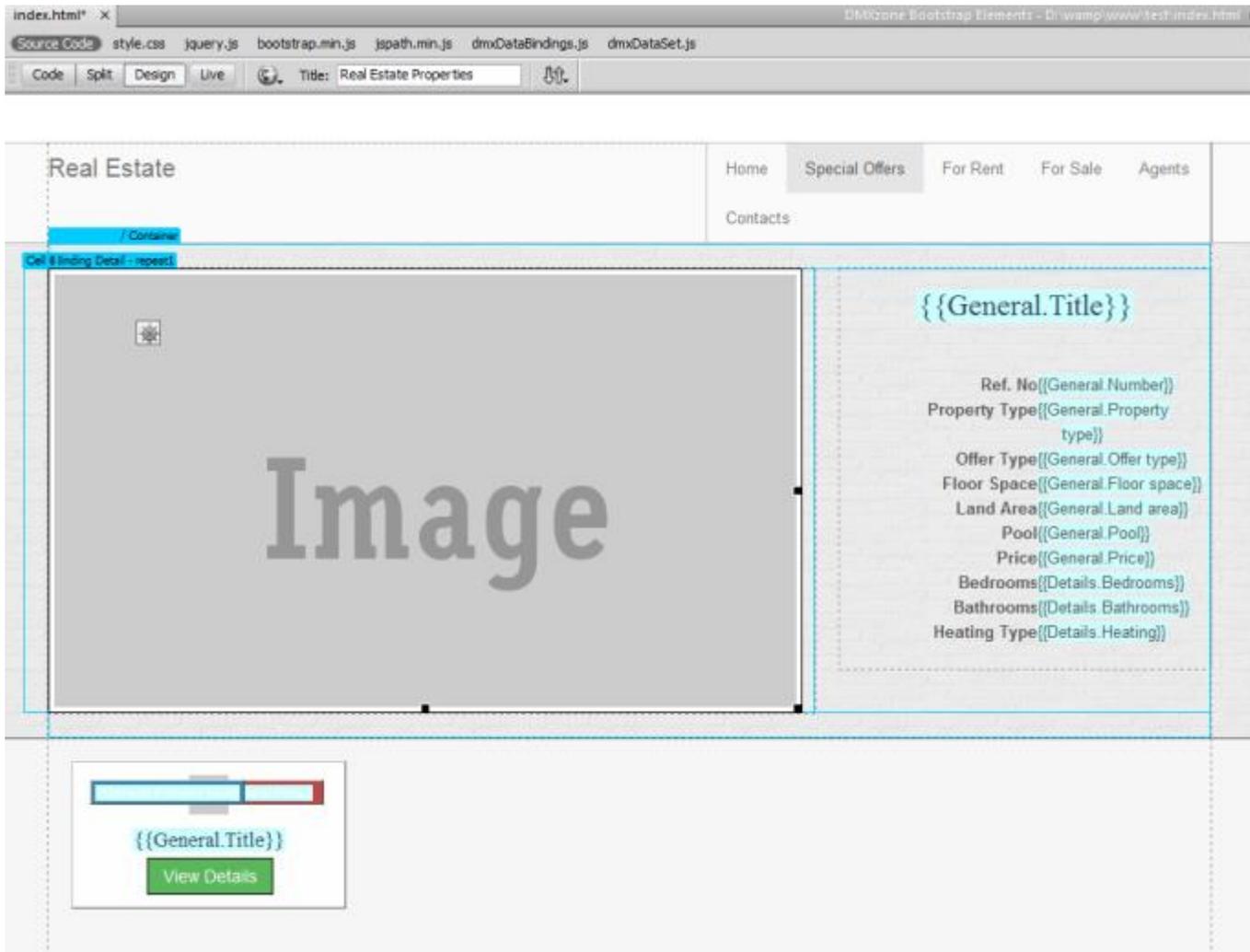
- **Local file as data source** - Choose a local JSON file as data source.



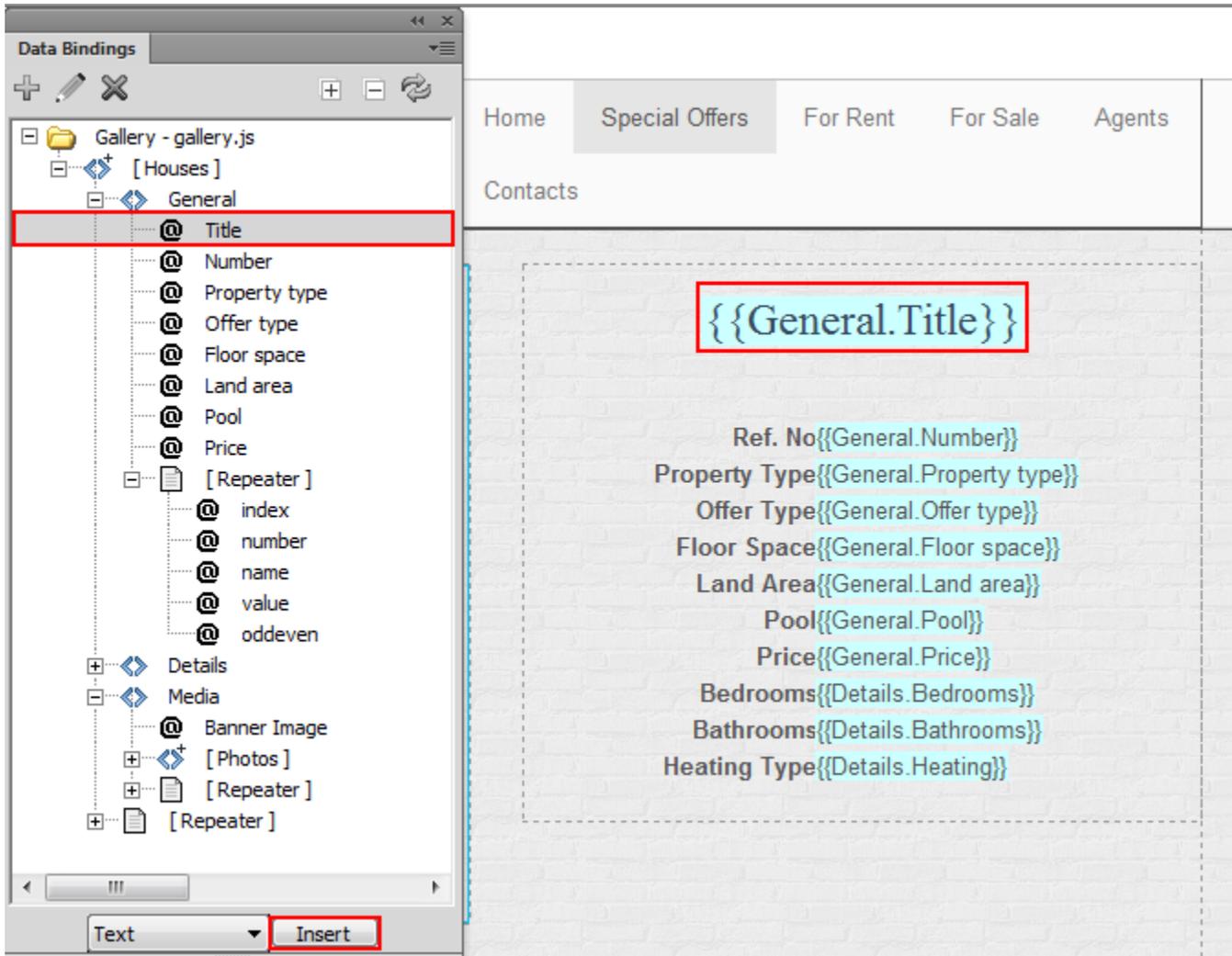


Dynamic Data Bindings

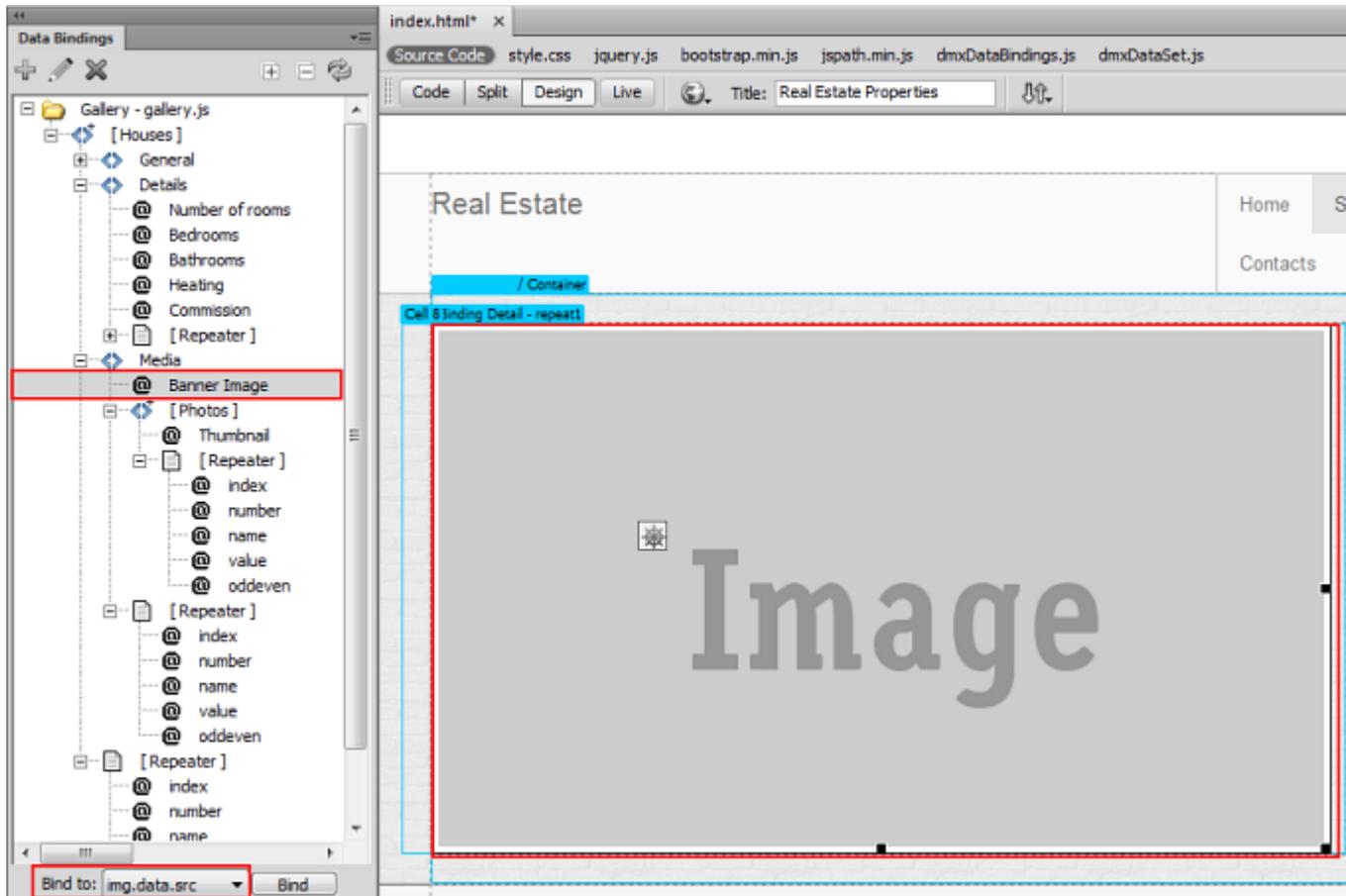
- **Super fast jQuery based Template Engine included** - You want your page to be populated with the data as it arrives and you want that to happen fast. This is why the DMXzone team worked hard to make a lightning fast template engine that powers the HTML5 Data Bindings!



- **Add any Data Binding fully visual in Dreamweaver** - Just select the data from the HTML5 Data Binding Floating Panel use the Smart Insert Panel. You will see a nice curly braced notation as placeholder for your data with the full data path in it.

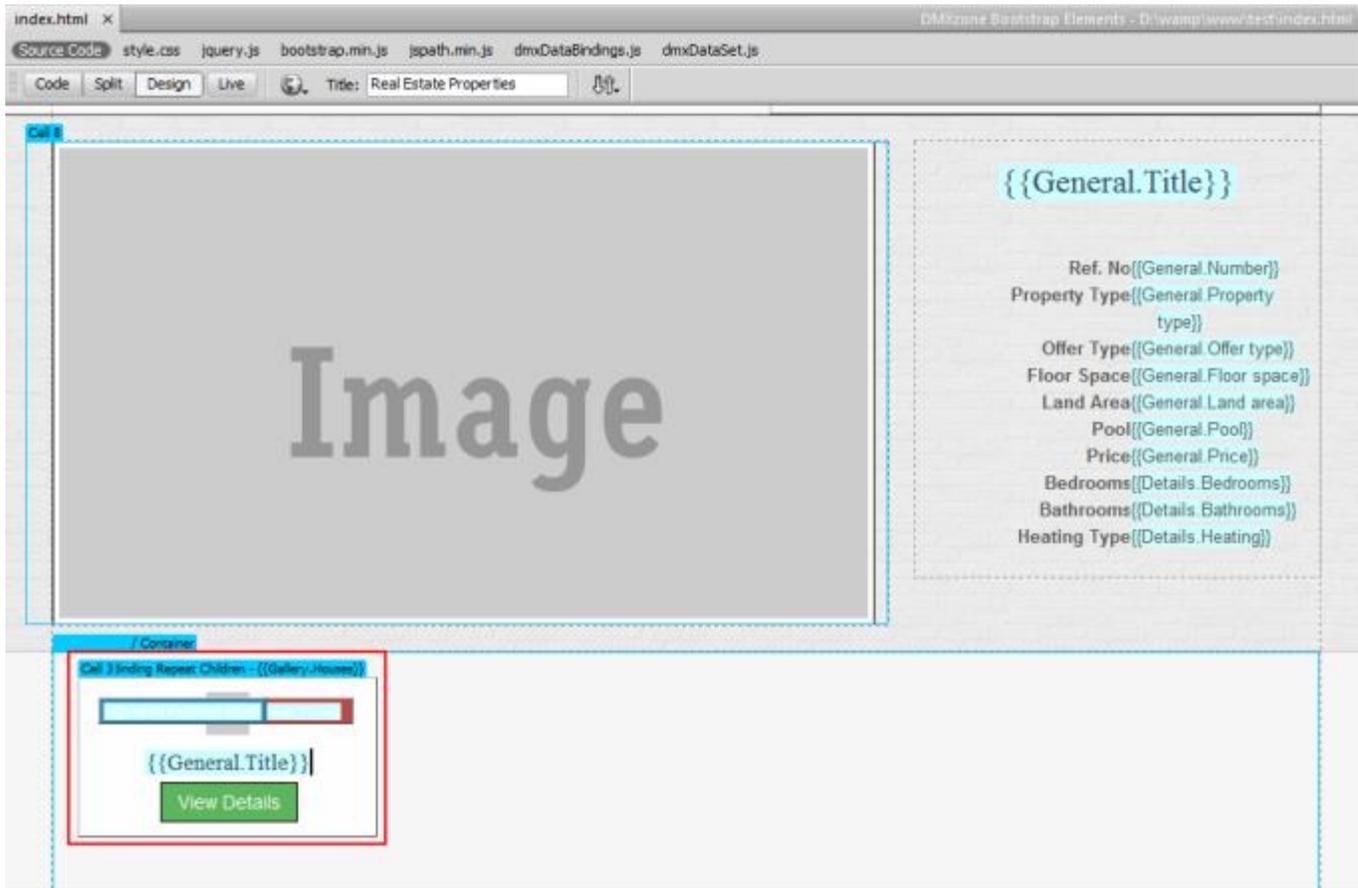


- **Inspect easily any dynamic data binding inserted** - As you select a highlighted data binding on your page in Dreamweaver Design view - the associated data element is automatically selected in the Data Bindings tree view!

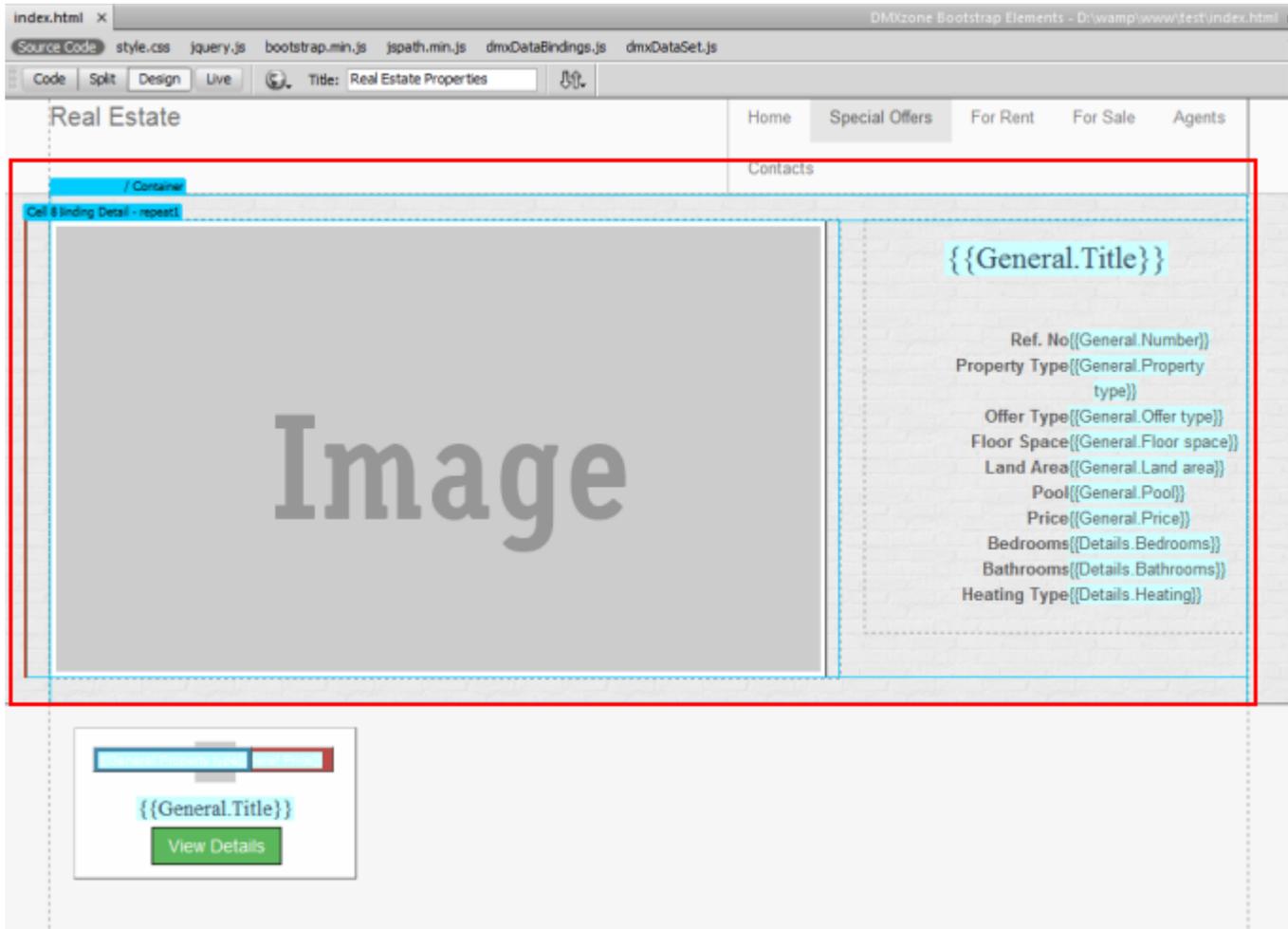


Regions

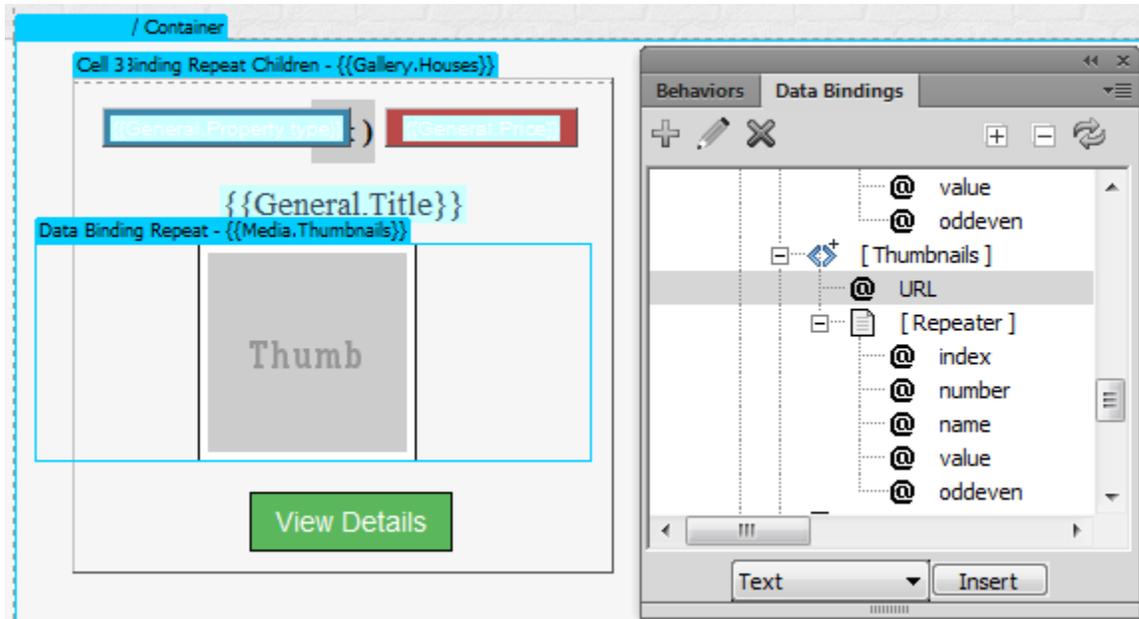
- **Add Smart Repeat Regions** - Is your data repeatable? Then you can create directly a repeat region that repeats as many times as there are records available. Just select the repeating element from the HTML5 Data Bindings list and choose to insert Repeat Region or Repeat Children.



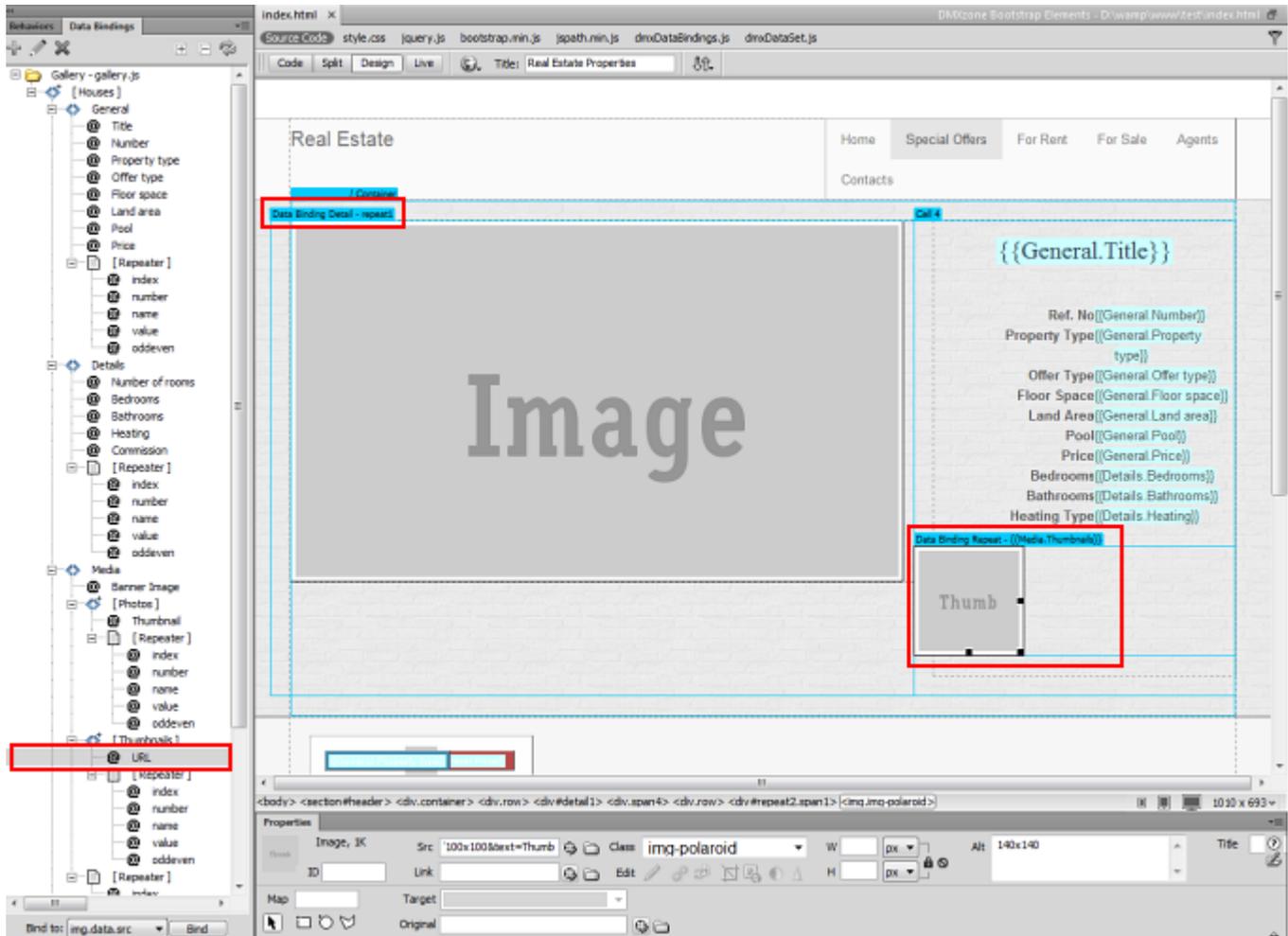
- Detail Regions** - Do you want to display detailed data in a separate view, next to your repeat region list? Then just choose to make a detailed region from the same repeating element in your HTML5 Data Bindings list. You can control which record is displayed in the Detail Region by the special Control HTML5 Data Bindings behavior to select the Active Record.



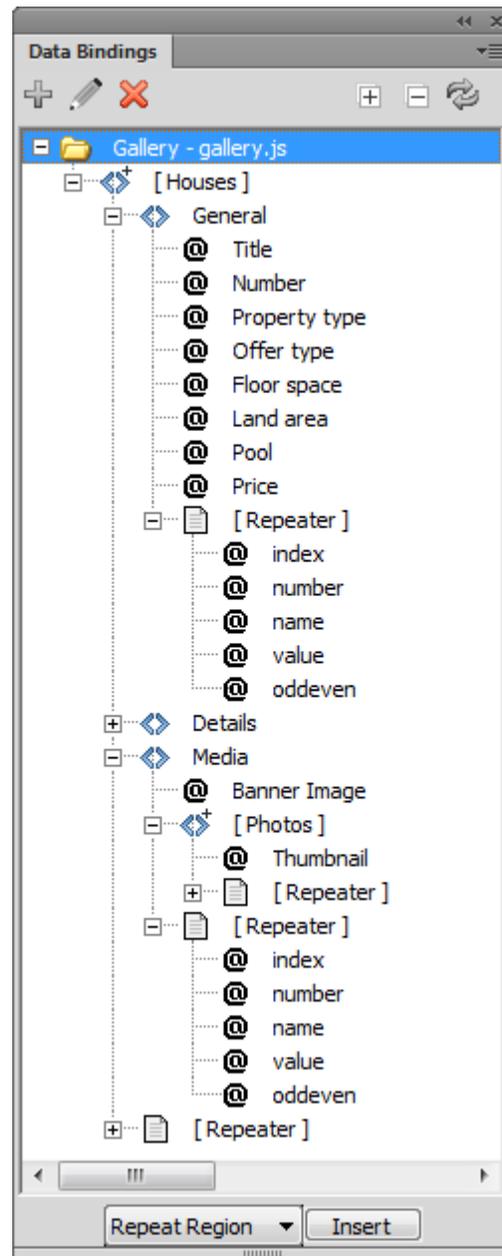
- **Support for Nested Repeat Regions** - As your data can be structured in various hierarchical levels, you want to be able to nest your repeat regions. That is fully possible with the HTML5 Data Bindings! You can have another child repeat region within a main repeat region and go as deep as you wish.



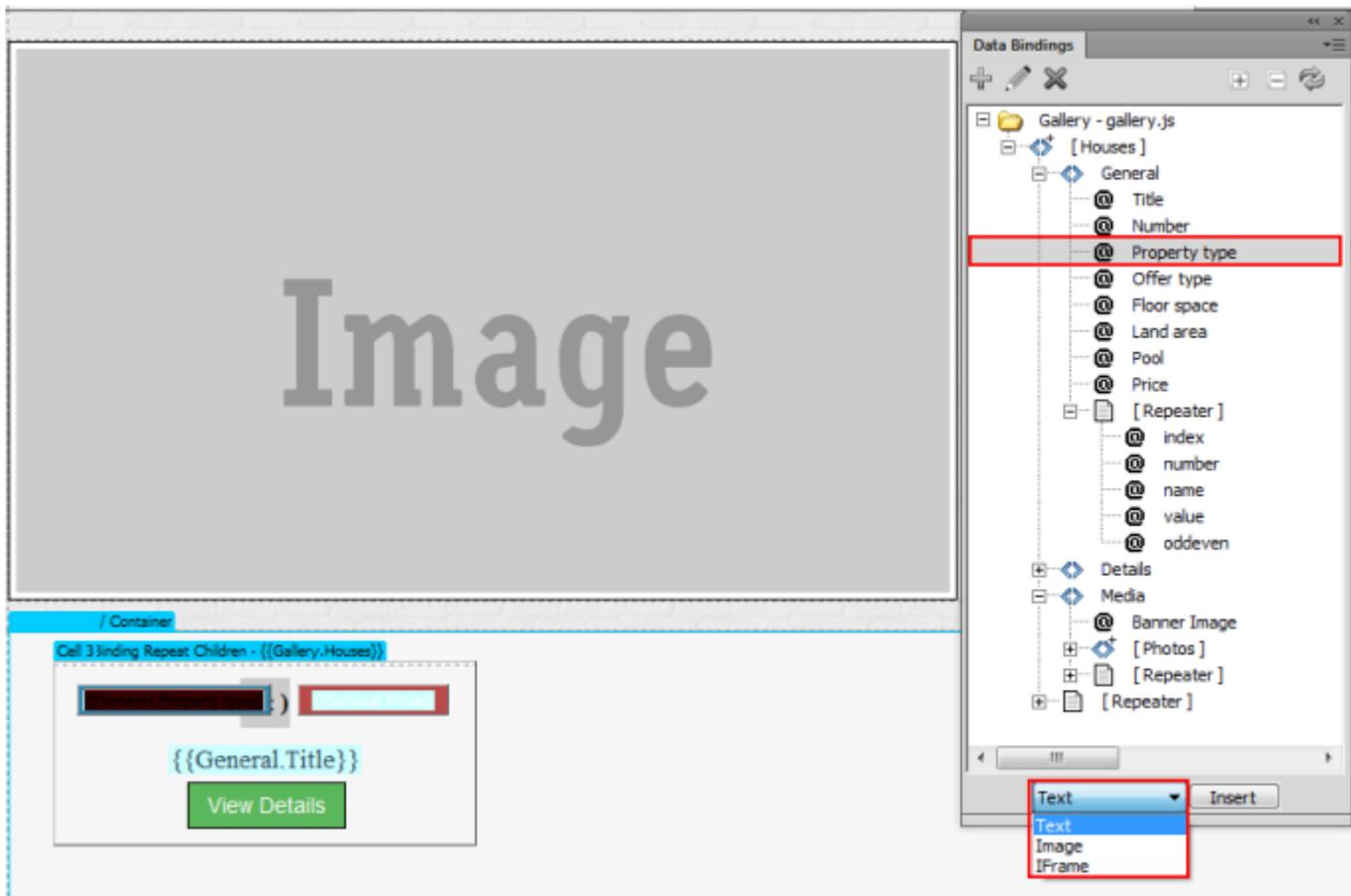
- **Support for Repeat Regions within a Detail Region** - You can also have as much Repeat Regions as you want within a Detail Region to show related data. Those can be nested also.



- **Fully jQuery based** - The template engine, as well the AJAX fetching of the data are fully jQuery powered, so naturally lightning fast and cross browser compatible.
- **Support for hierarchical datasets** - The HTML5 Data Sources that you bind to, can return any data that is well formatted in JSON and can be with any hierarchical structure you want.

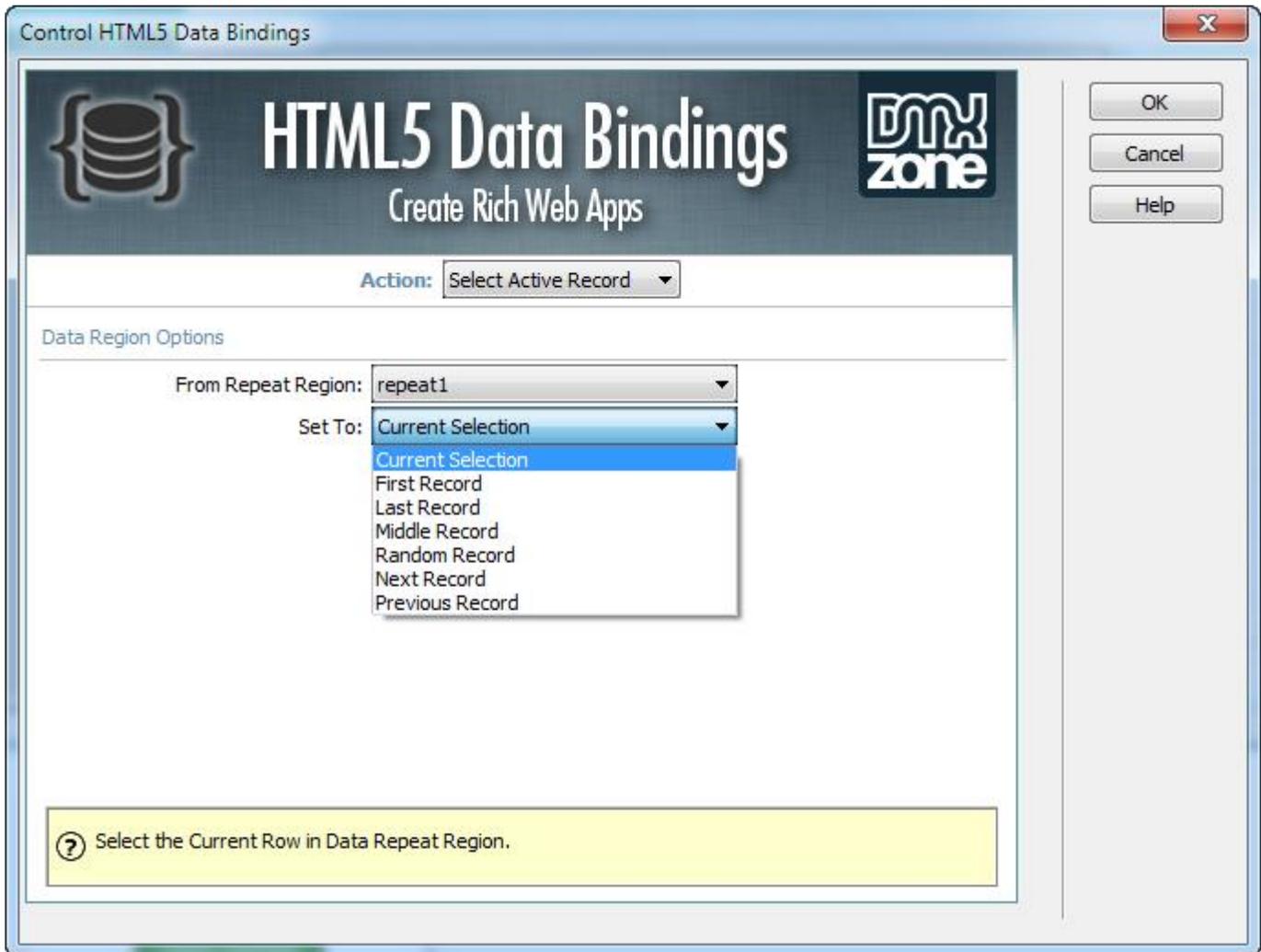


- **Smart Insert Panel** - depending on your selection of the nodes in your HTML5 Data Bindings tree and your page selection you get automatically the right controls to insert or bind data! When you selected a repeating element in your feed tree, you can choose to insert a repeat or detail region, when you select a regular node you can select to insert its value as text binding or as a ready to go image element, but if you have already selected an element on your page you can bind to any of its attributes!

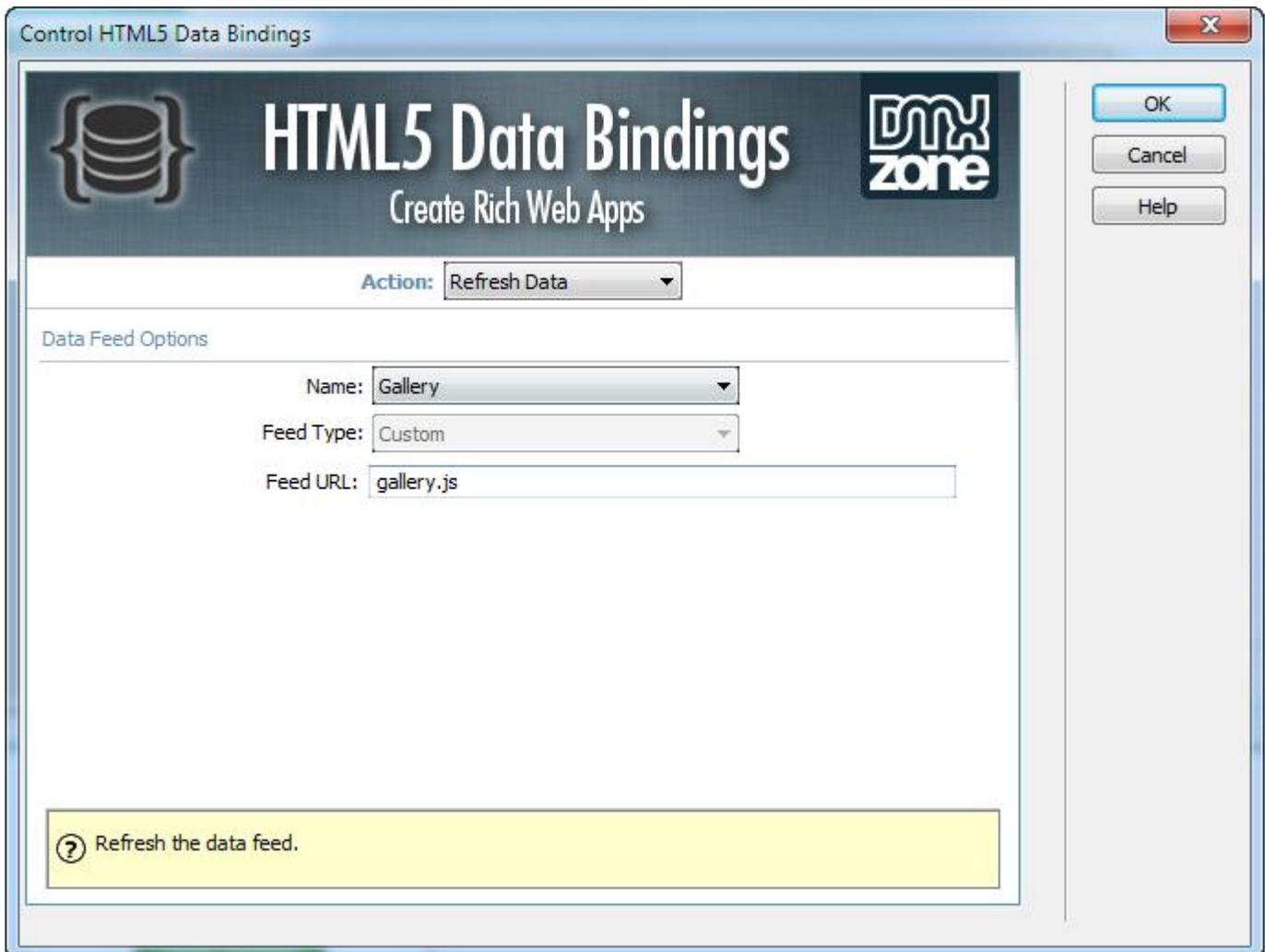


Control behaviors and Behavior connector

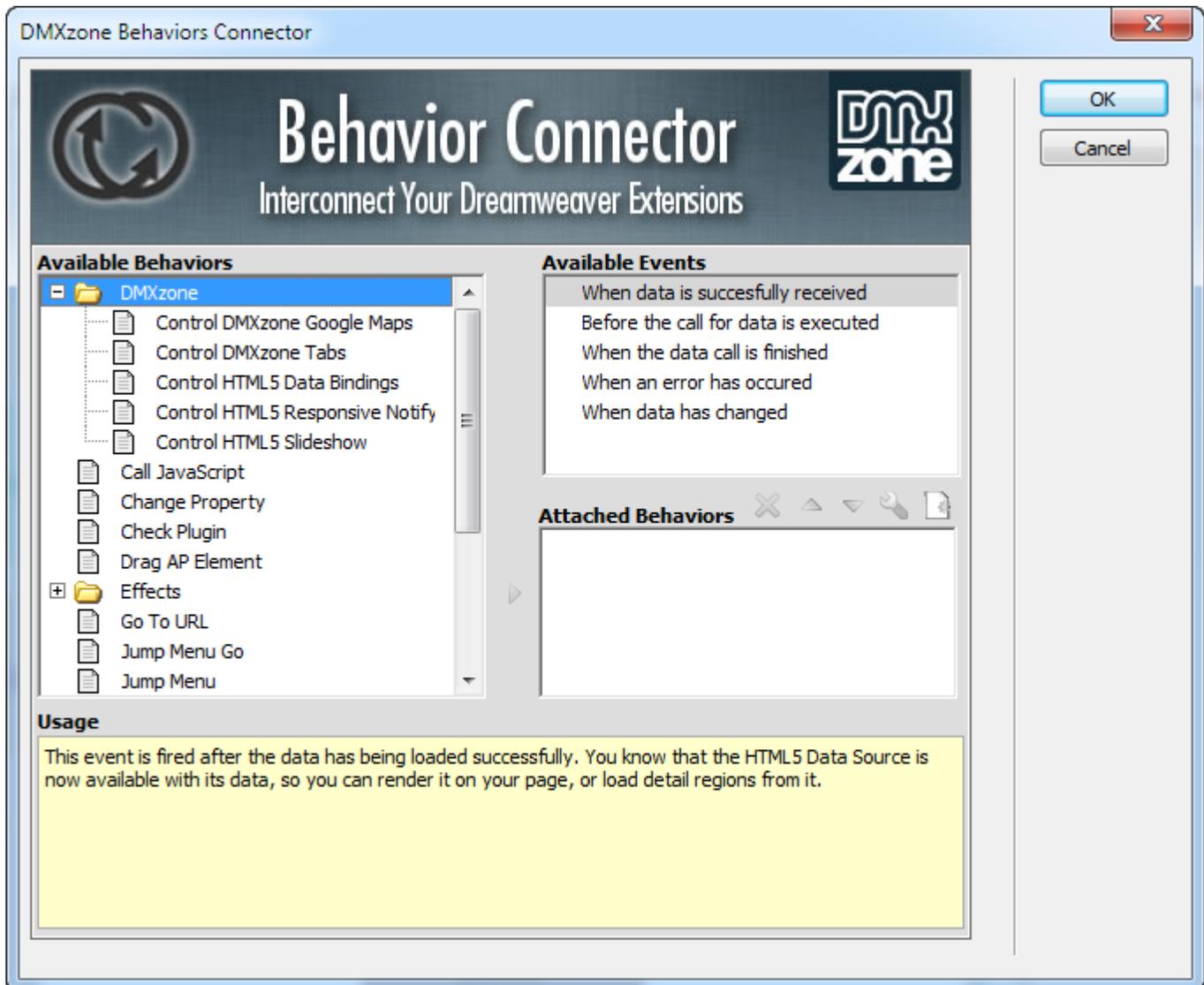
- **Select active record control behavior** - Add a behavior to the chosen element in order to select the active item, which will be displayed in the detailed region.



- **Refresh data control behavior** - If you have a search field that you want to use as a filter, once it gets a new value typed in, it refreshes the data automatically.



- **Support for global loading events through the DMXzone Behavior Connector** - When you are loading various HTML5 Data Sources on your page you can fire up actions to show and hide regions or loading messages, when the data is loaded successfully or not.



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/

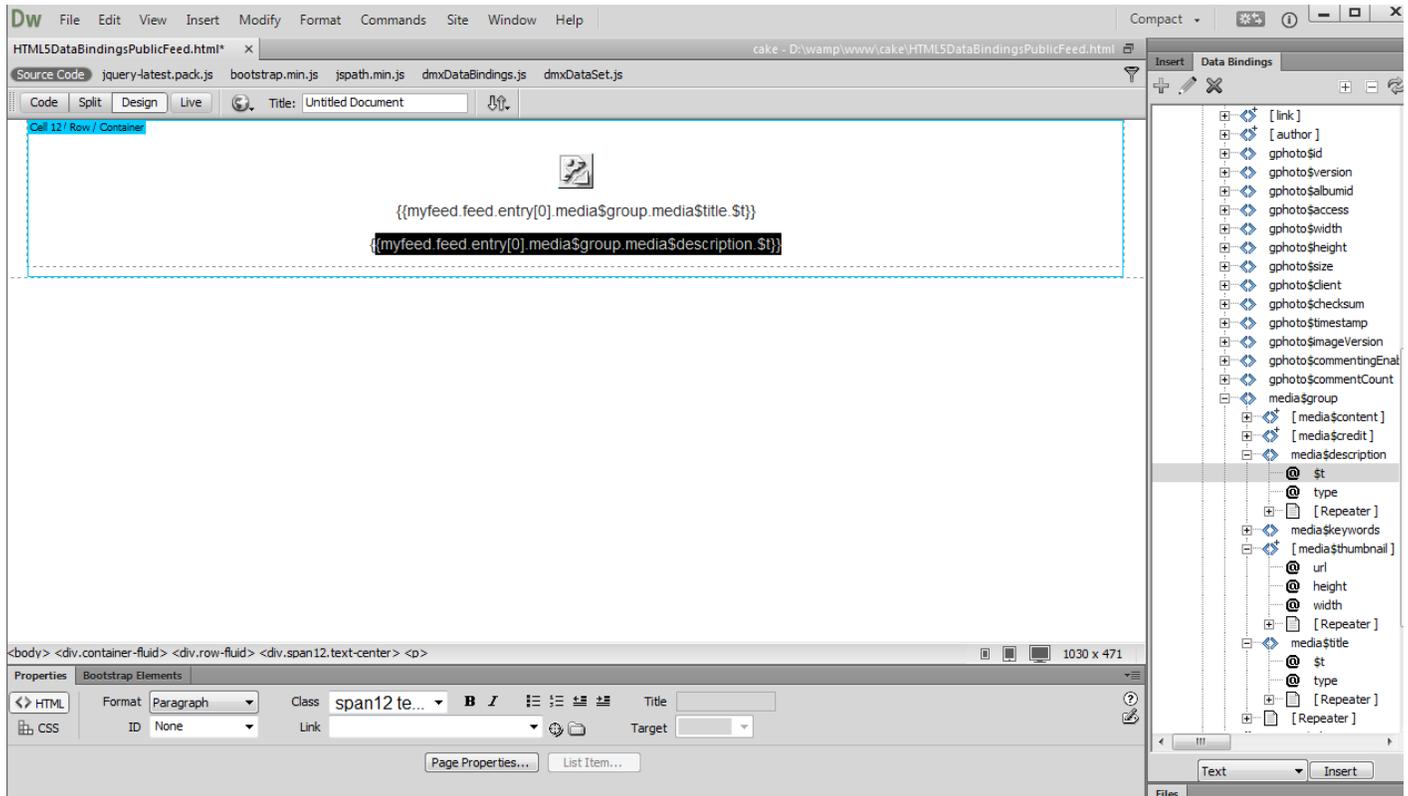
Open the .mxp file (the extension manager should start-up) and install the extension.

If you experience any problems contact our Live Support!

The Basics: Using HTML5 Data Bindings with Public Feeds

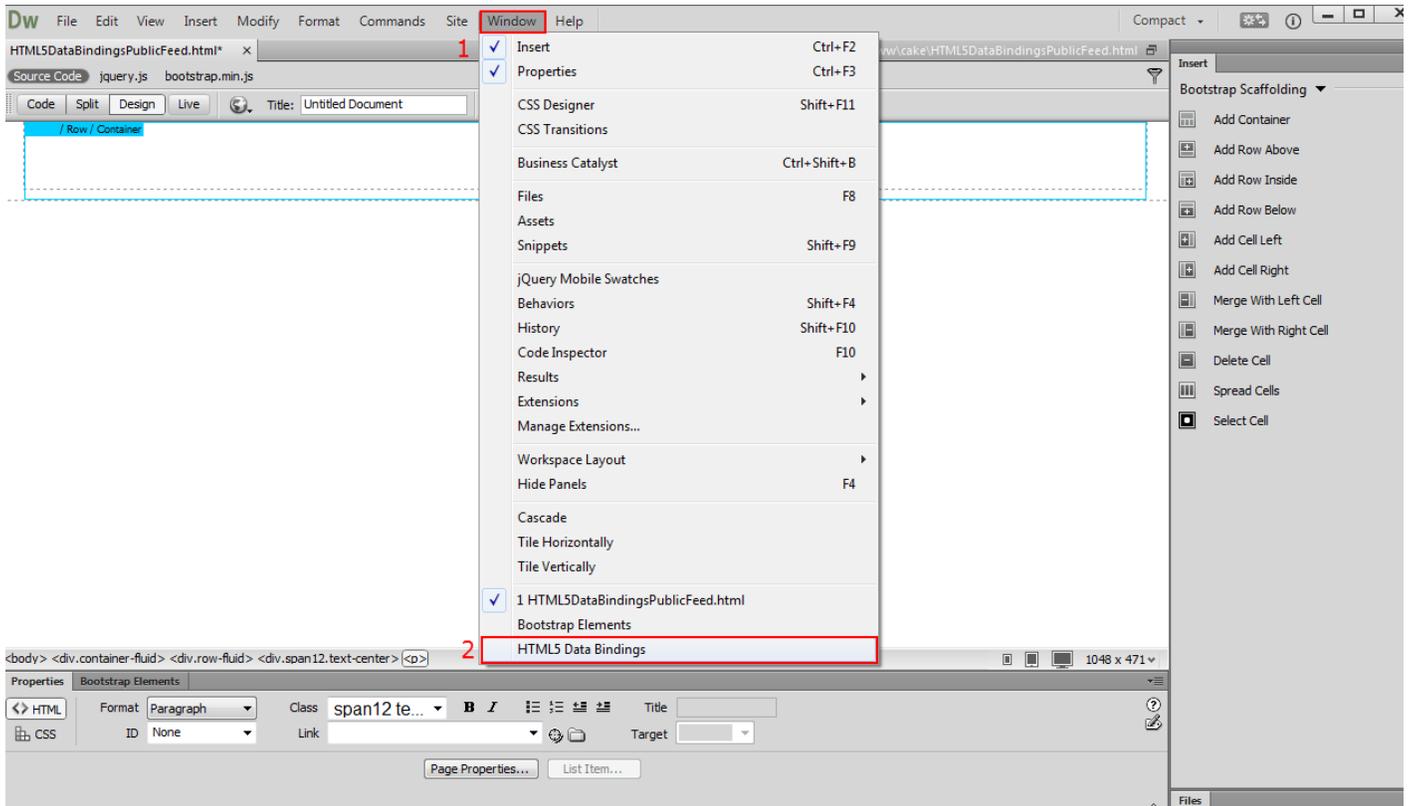
In this tutorial we will show you how to use [HTML5 Data Bindings](#) with Public Feeds.

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



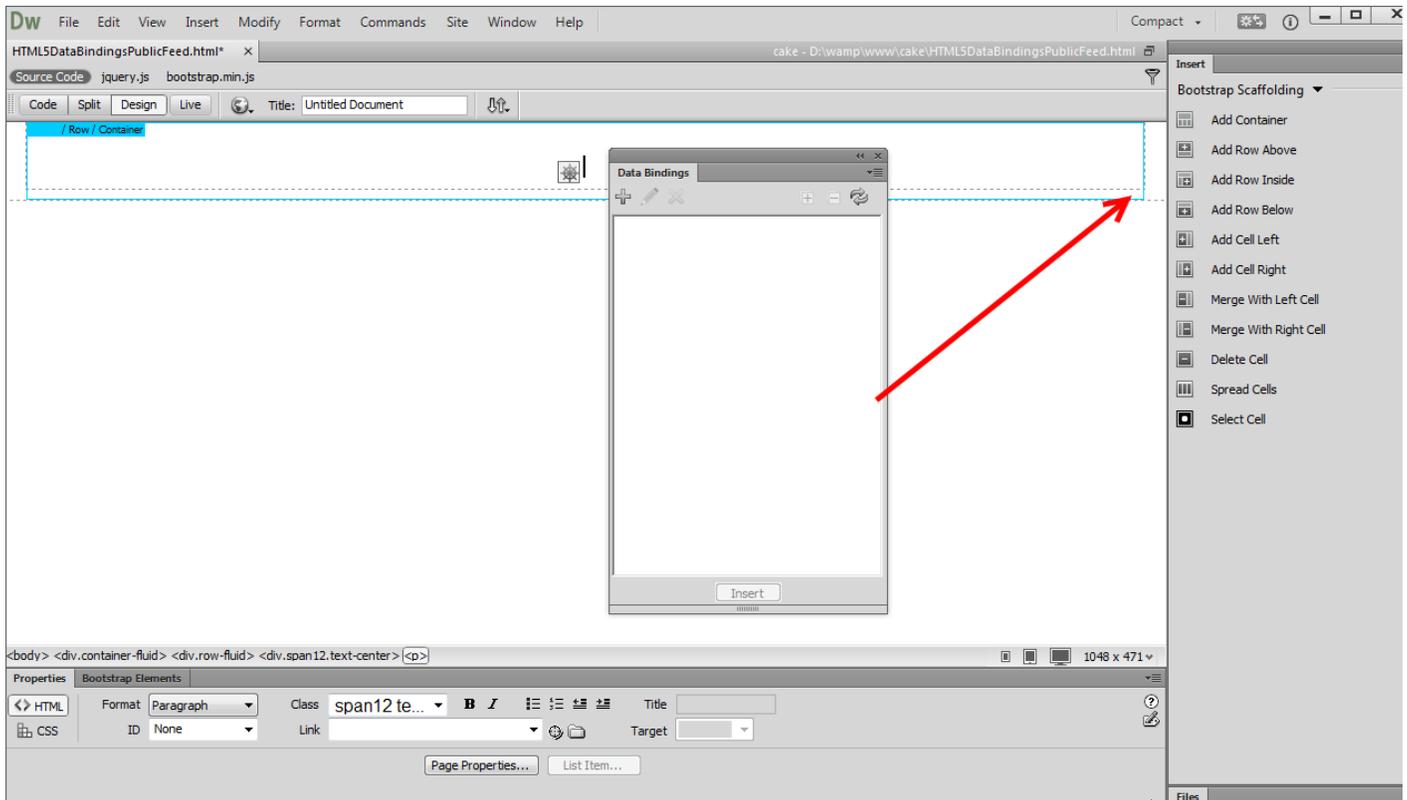
How to do it

1. First we are going to enable the **HTML5 Data Bindings Floating Panel**. From the Window menu (1), select the **HTML5 Data Bindings** menu item (2).



- The HTML5 Data Bindings Floating Panel appears. We drag the panel on the right side of the screen next to the Insert Pane.

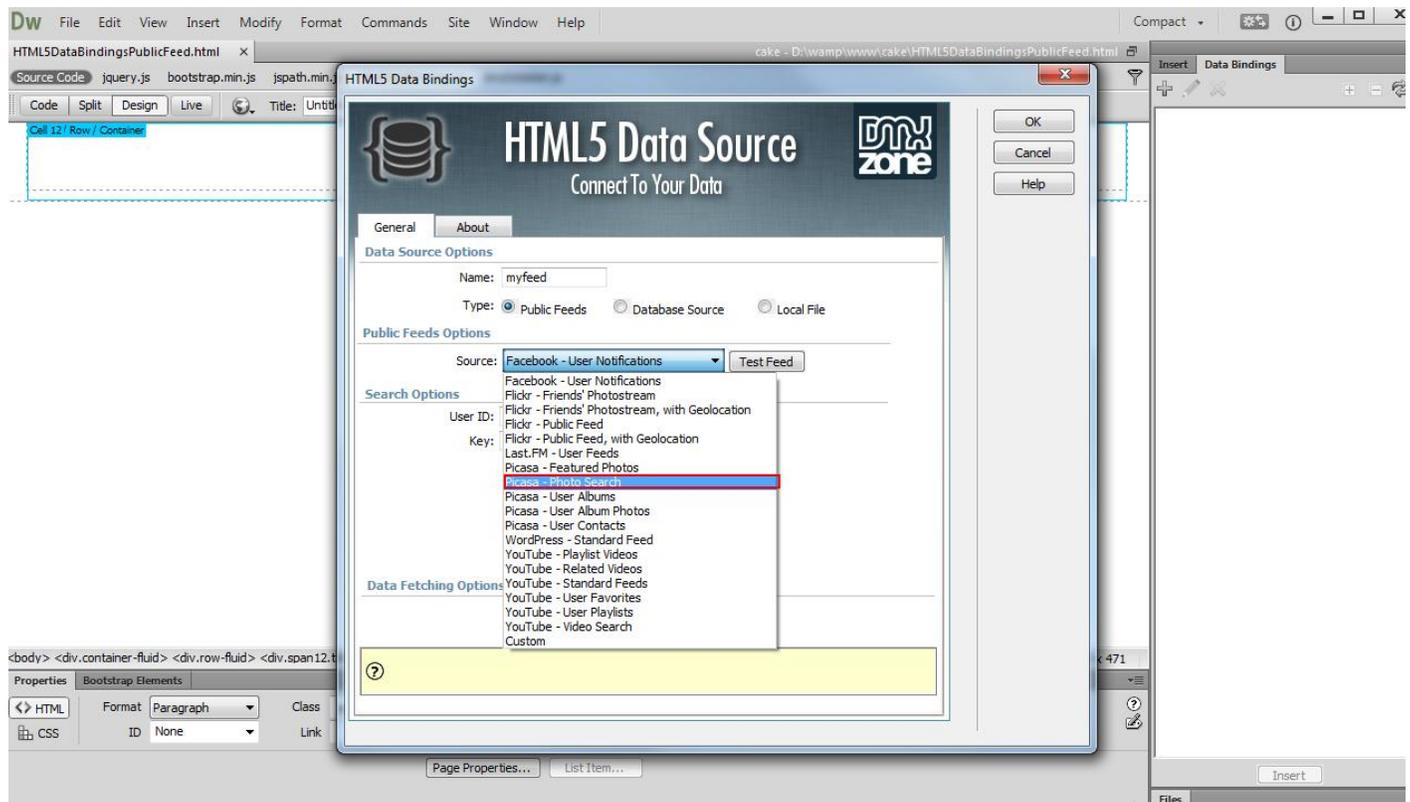
NOTE: You can drag and pin the panel anywhere inside your Dreamweaver Window



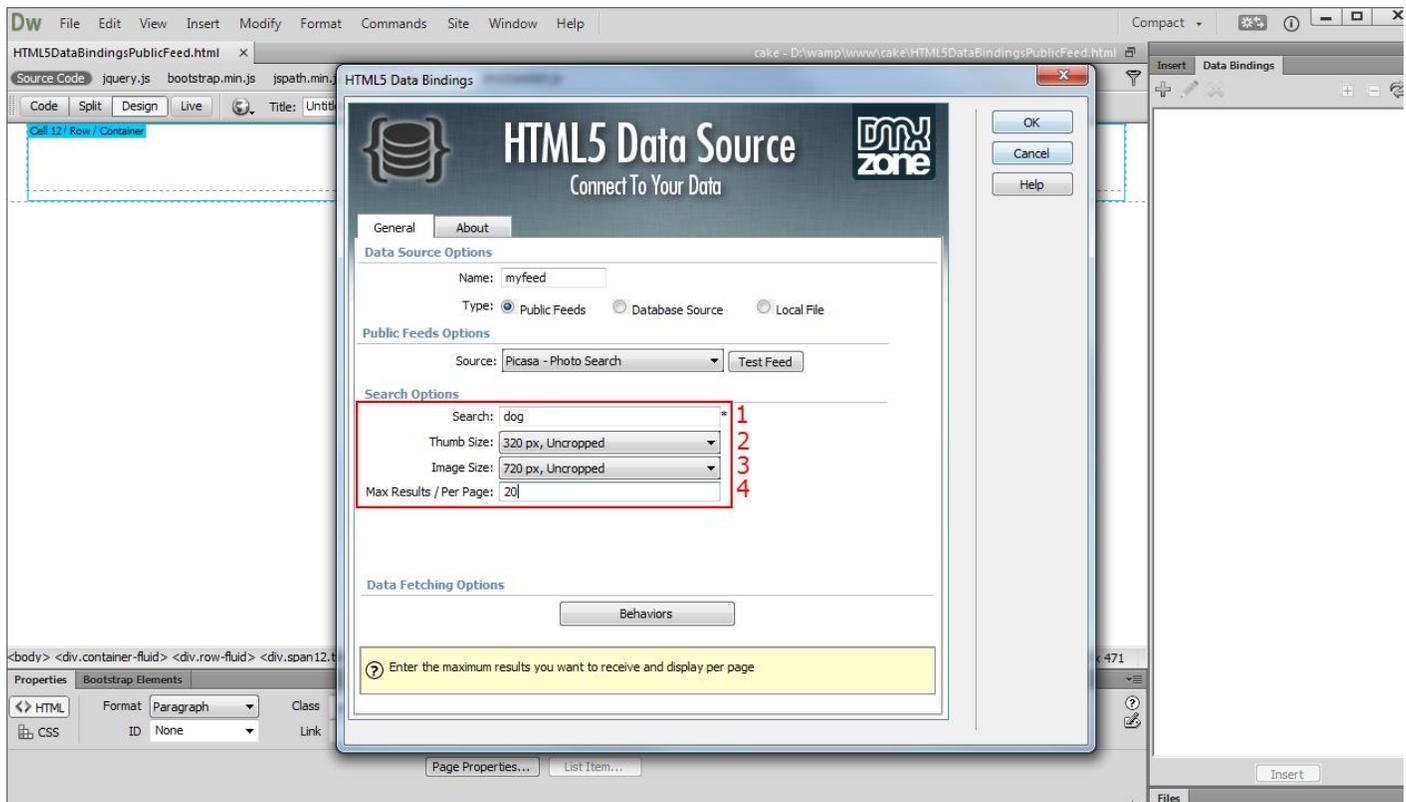
3. Click **add new data source** button (1). In the **HTML5 Data Bindings** window, **add a name** for your data source (2) and select **public feeds data source** type (3).



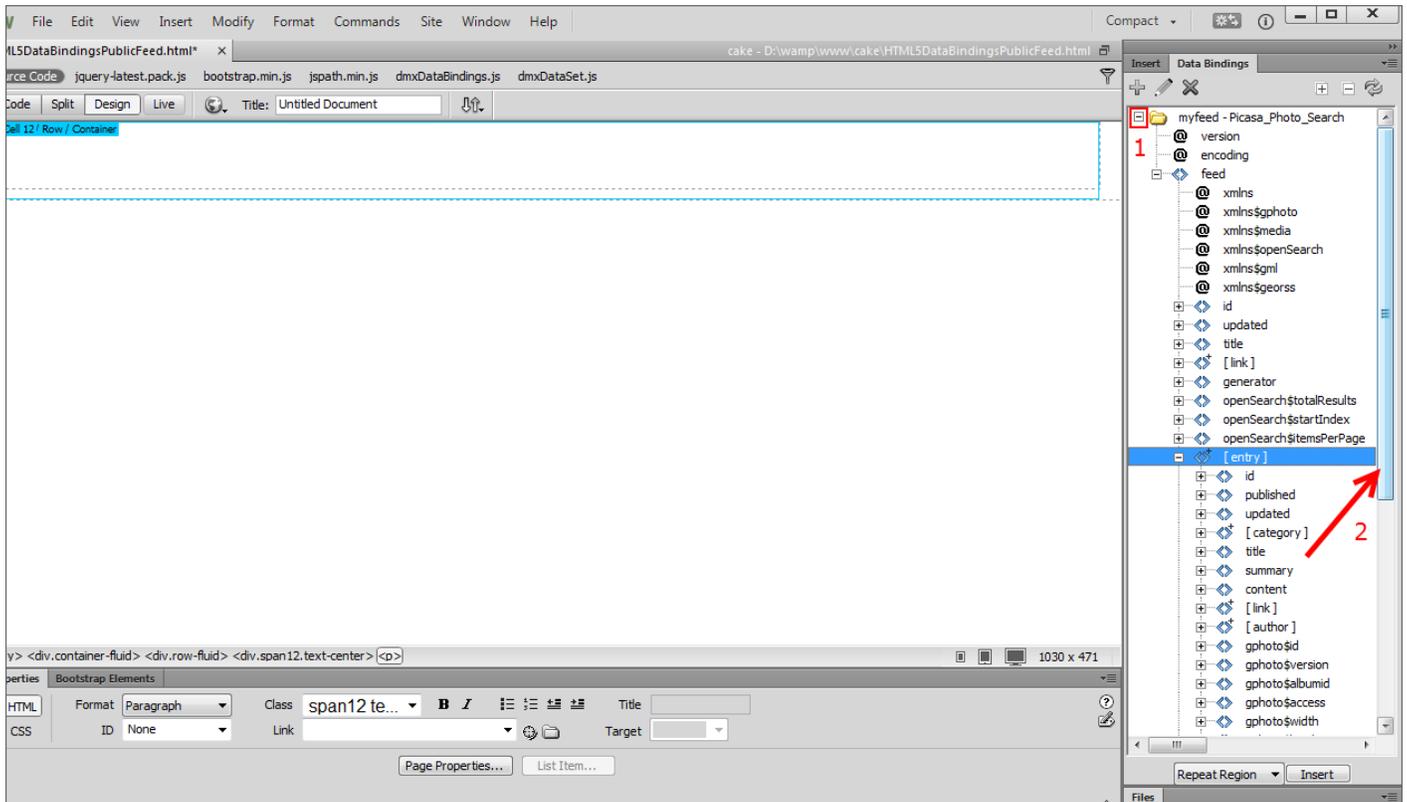
- From the source dropdown menu, you can select any of the predefined public feeds or use a custom one. For our tutorial we're going to use **Picasa – photo search**.



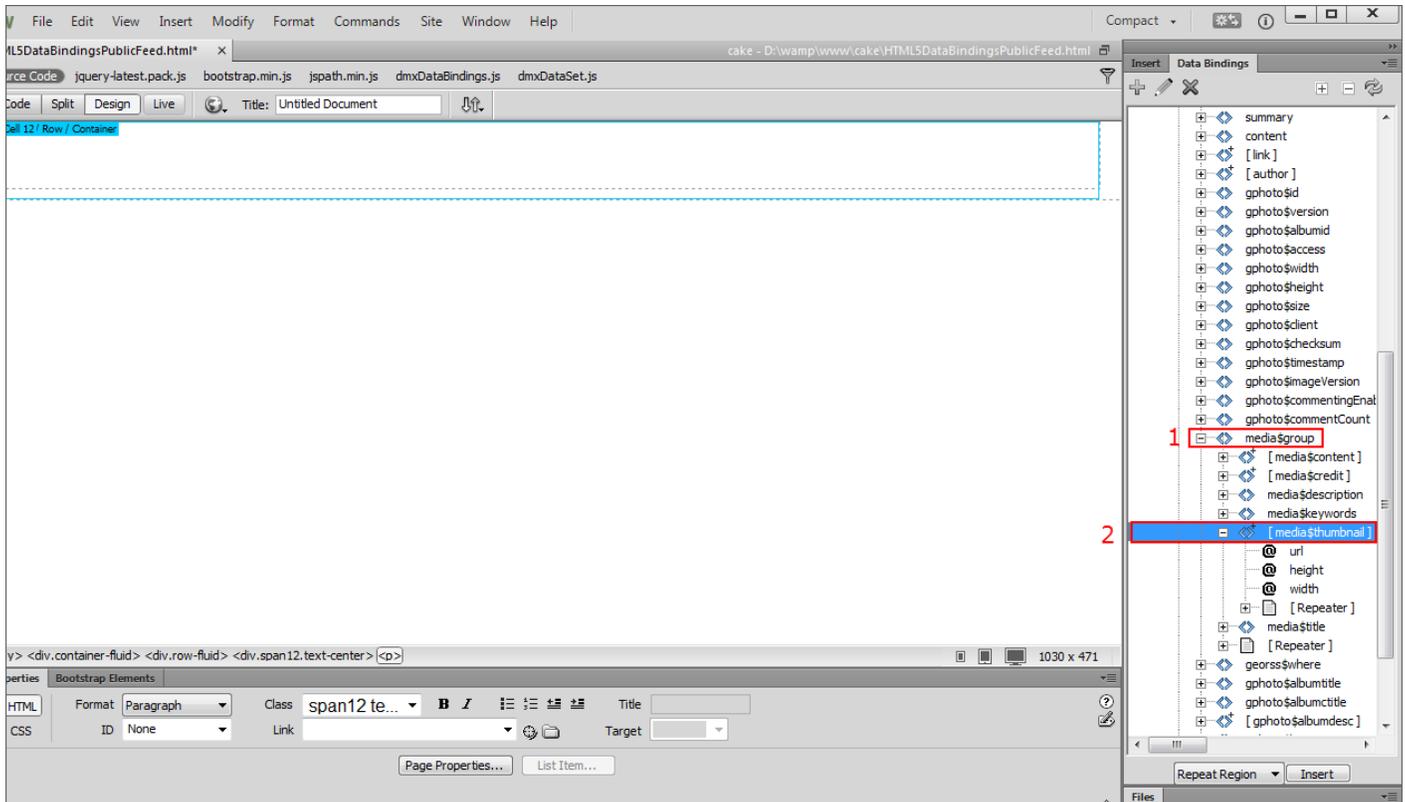
5. We enter a **search phrase (1)**, select the **thumbnails size (2)**, the **size of the images (3)** and the **max results** that are returned from this feed **(4)**. When you're done, click OK.



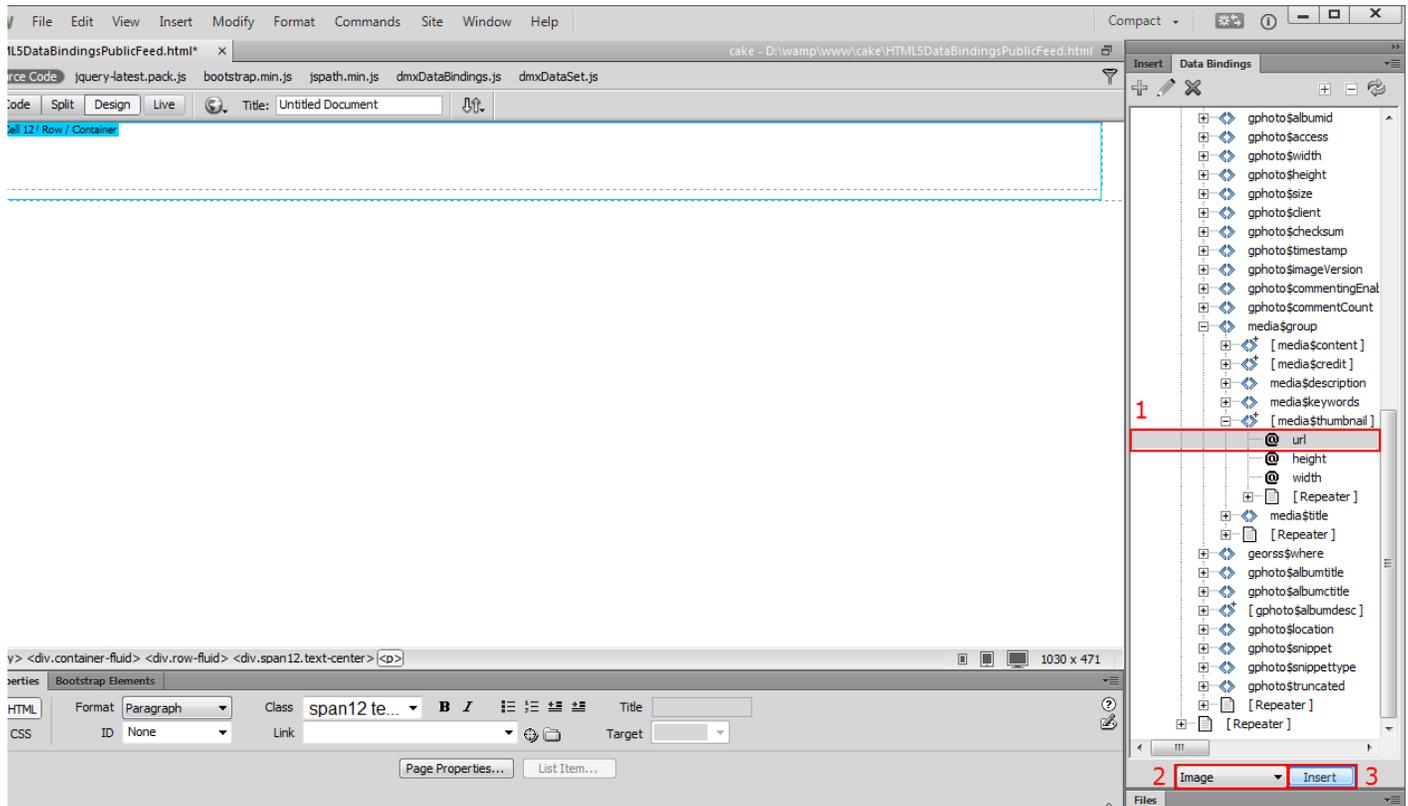
- When we **expand (1)** the feed can see the feed tree. It is different for different feeds and depends on their structure. Then, we **scroll down** the tree **(2)**.



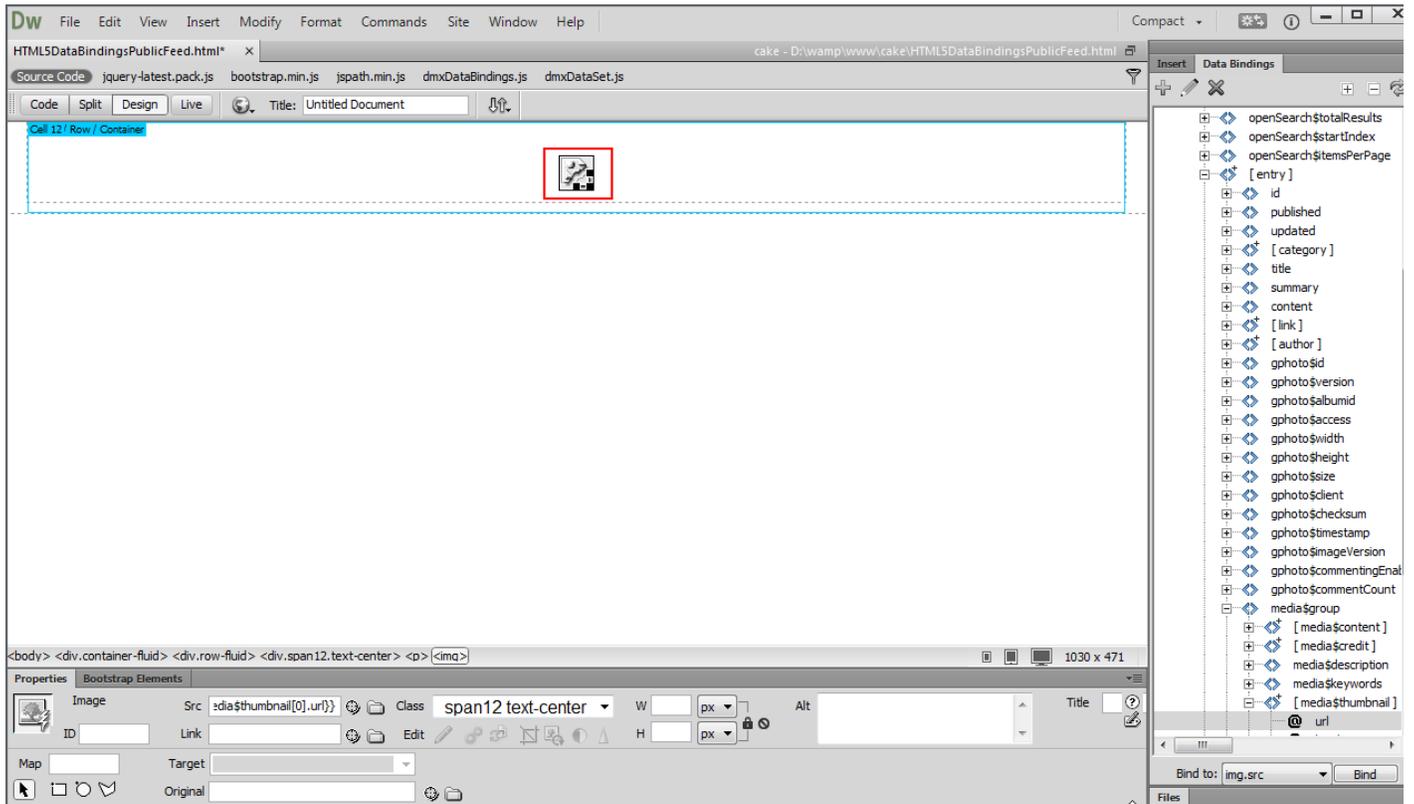
7. We expand the **media group data element** that is located inside the **entry repeating element (1)**, where are going to use the **media thumbnail data element** in order to retrieve the image thumbnail **(2)**.



8. Select the **URL attribute (1)**. Using the Smart Insert Panel we select **image (2)** and click the **insert button (3)**.



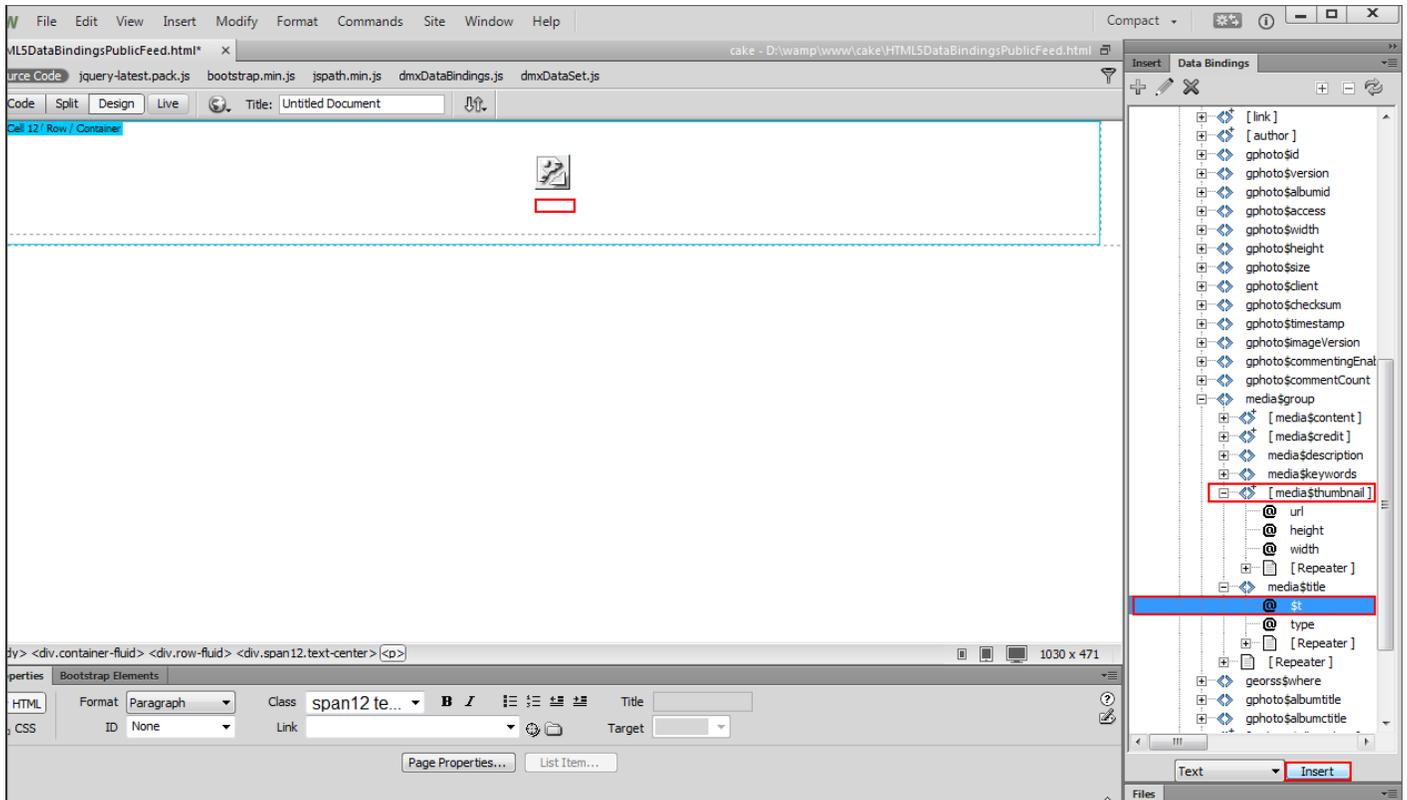
9. You can see we added an image that uses the **feed thumbnail URL attribute**.



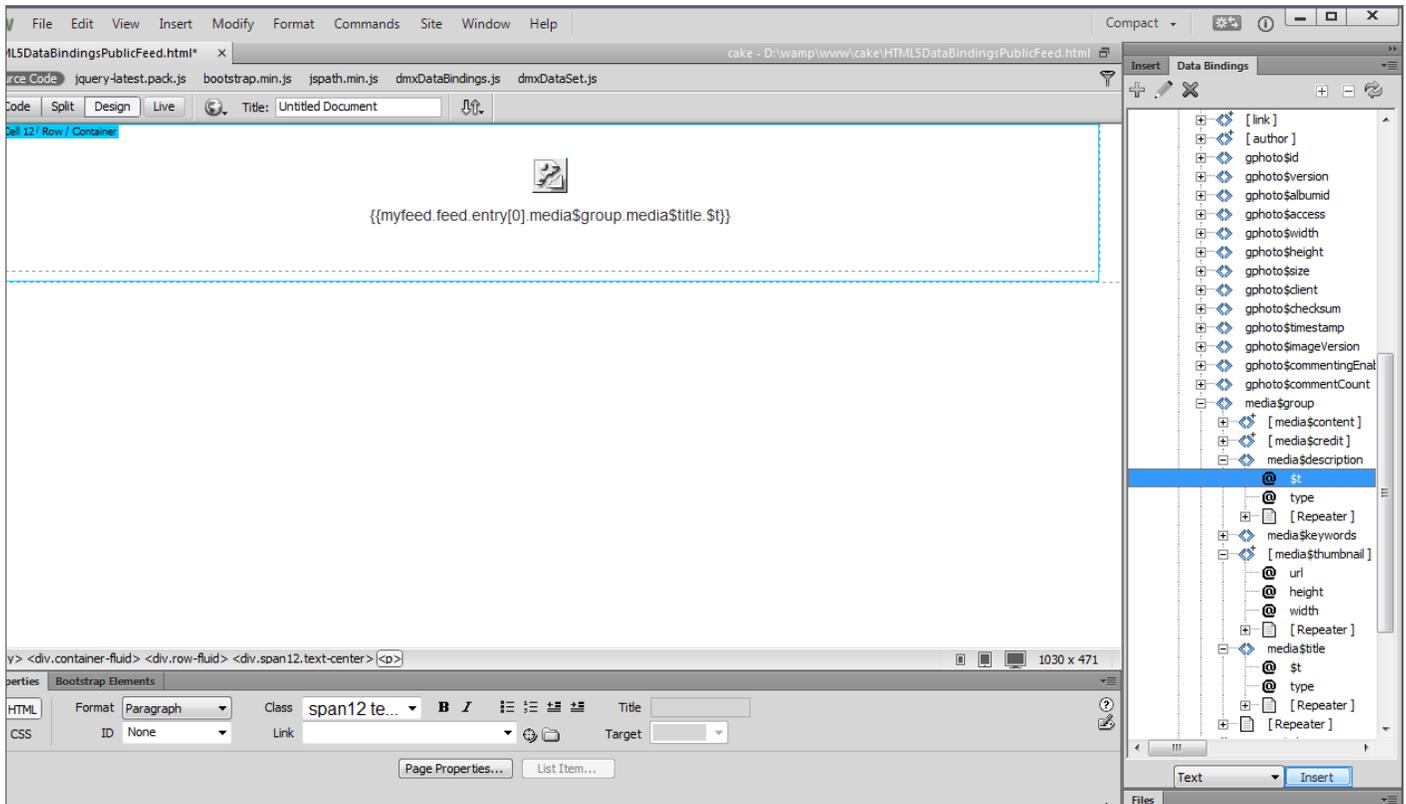
- Click the **Live View** button in order to preview the results. This is how our thumbnail looks like. Now, we are going to add a title and description to it, using the title and description provided by the feed.

The screenshot shows the Adobe Dreamweaver interface in Live View mode. The main canvas displays a thumbnail image of a pug dog looking at a small round object (likely a cookie) on a dark surface. A tooltip above the image reads "Switch Design View to Live View". The Properties panel at the bottom left shows the selected element is an `img` tag with the class `span12 text-center`. The Data Bindings panel on the right shows a tree structure of data bindings, including `openSearch$totalResults`, `openSearch$startIndex`, `openSearch$itemsPerPage`, and a nested `[entry]` object with various fields like `id`, `published`, `updated`, `category`, `title`, `summary`, `content`, `link`, `author`, `photo$id`, `photo$version`, `photo$albumid`, `photo$access`, `photo$width`, `photo$height`, `photo$size`, `photo$client`, `photo$checksum`, `photo$timestamp`, `photo$imageVersion`, `photo$commentingEnabled`, `photo$commentCount`, `media$group`, `[media$content]`, `[media$credit]`, `media$description`, `media$keywords`, and `[media$thumbnail]`. The `[media$thumbnail]` binding is selected, and the Properties panel shows the `src` attribute is bound to `img.src`.

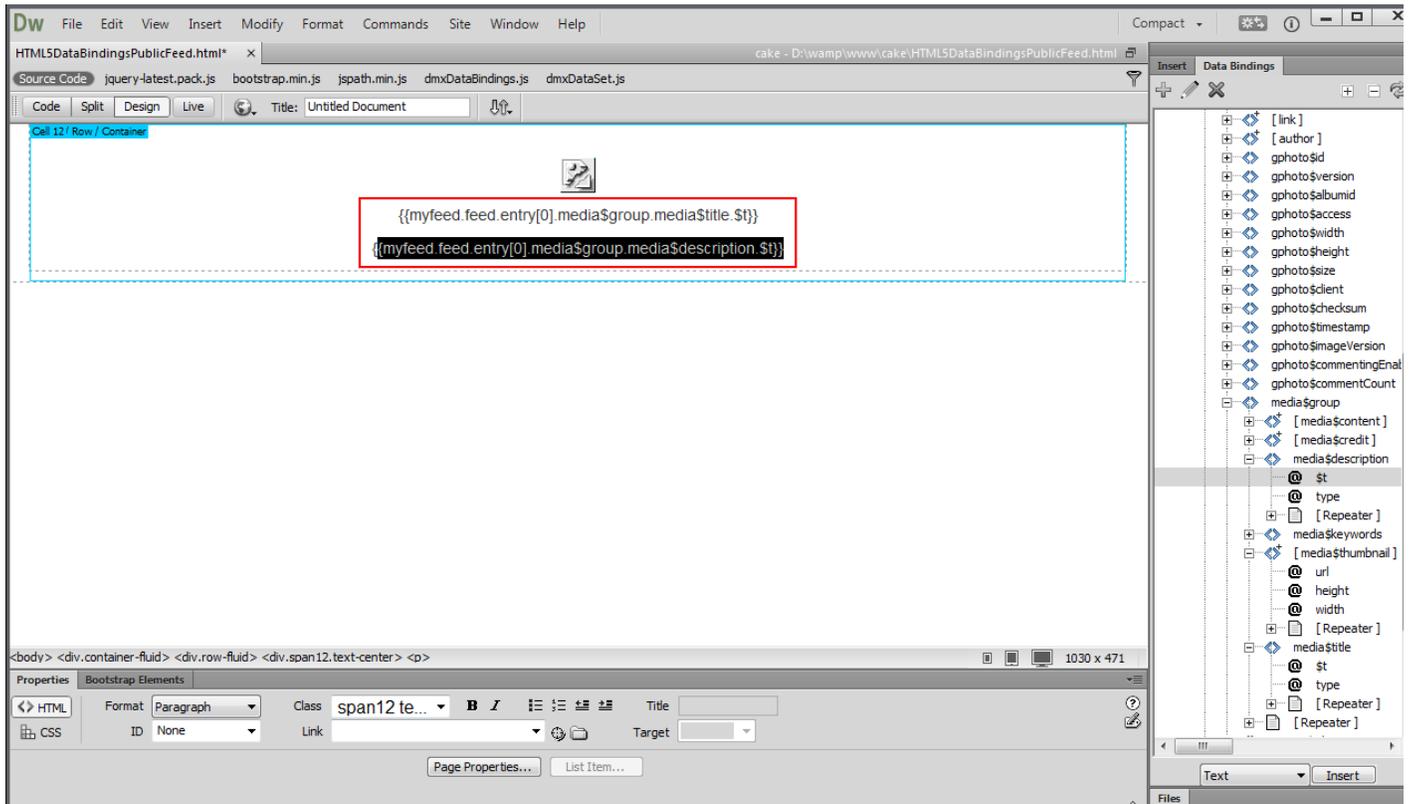
- We turn the Live View off and back in Design view, click under the **thumbnail (1)** and in the feed tree, select the **first media title attribute (3)**, under the expanded **media title element (2)**. Click the **insert button (4)**.



12. We do the same for the thumbnail description. In the expanded **media description (1)**, select the **first attribute (2)** and click **insert button (3)**.



13. This is how the feeds look in the Design view.

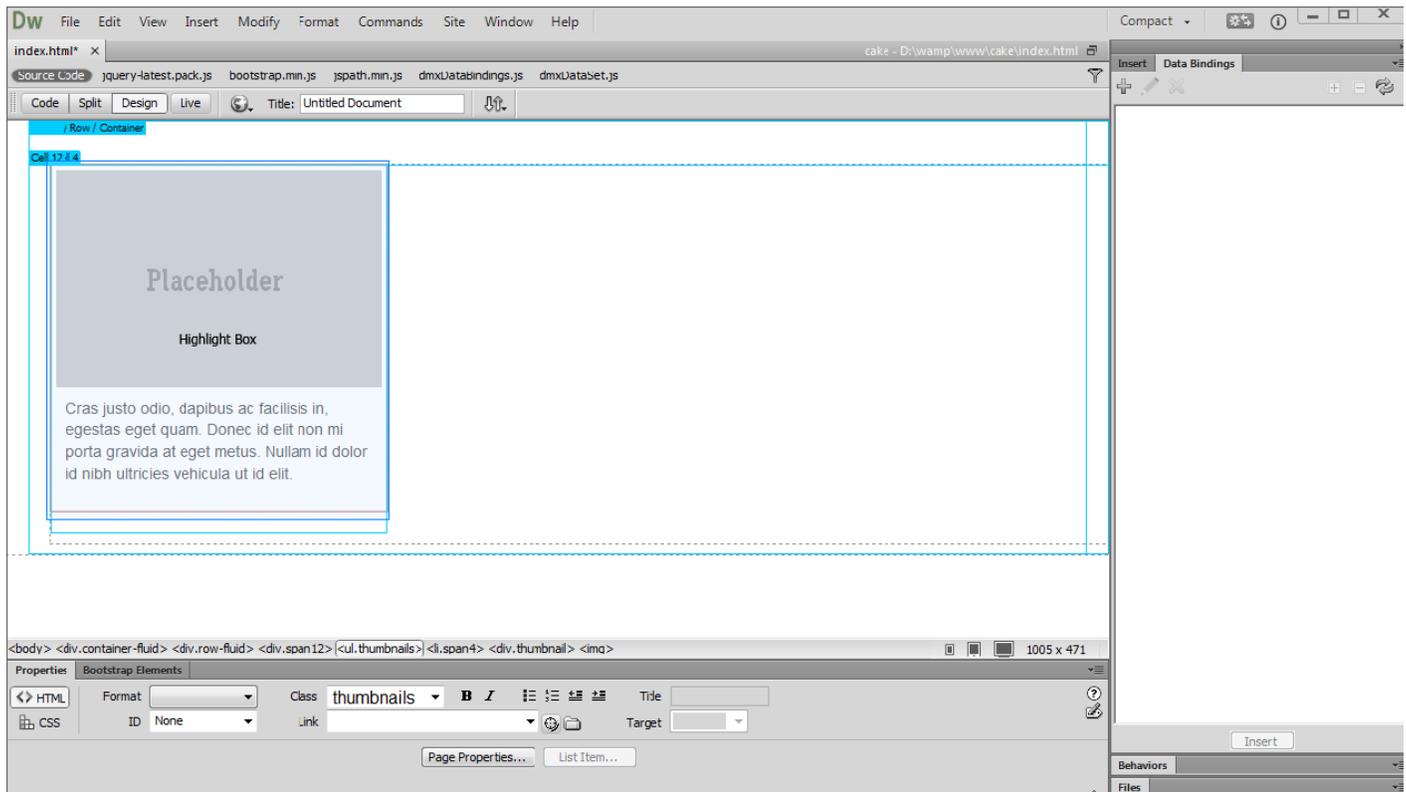


14. In Live view, you can see the thumbnail with its title and description. That's how you can use the HTML5 Data Bindings with Public Feeds.

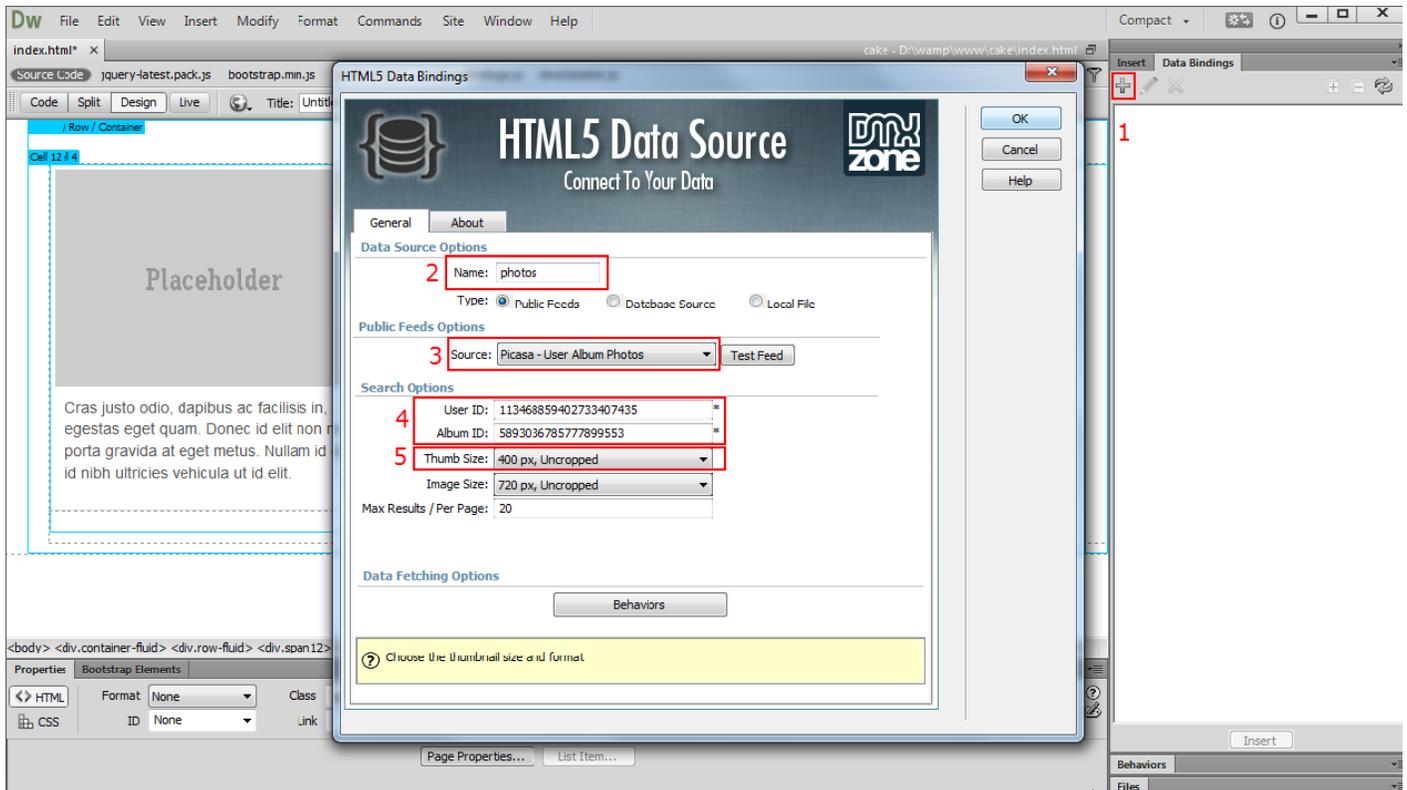
The screenshot displays the Adobe Dreamweaver interface in Live View mode. The main workspace shows a thumbnail image of a pug dog looking at a small orange object. Below the image, the text "DSC_7749.jpg" and "Almost have..." is visible. The right-hand side of the interface features the "Data Bindings" panel, which shows a tree view of the data structure. The tree includes a "media" group with sub-elements like "media\$content", "media\$credit", "media\$description", "media\$thumbnail", "media\$title", and "media\$type". The "media\$thumbnail" element is currently selected, and its properties (url, height, width) are visible in the "Properties" panel at the bottom. The "Properties" panel also shows the "Format" set to "Paragraph" and the "Class" set to "span12 text-center".

How to do it

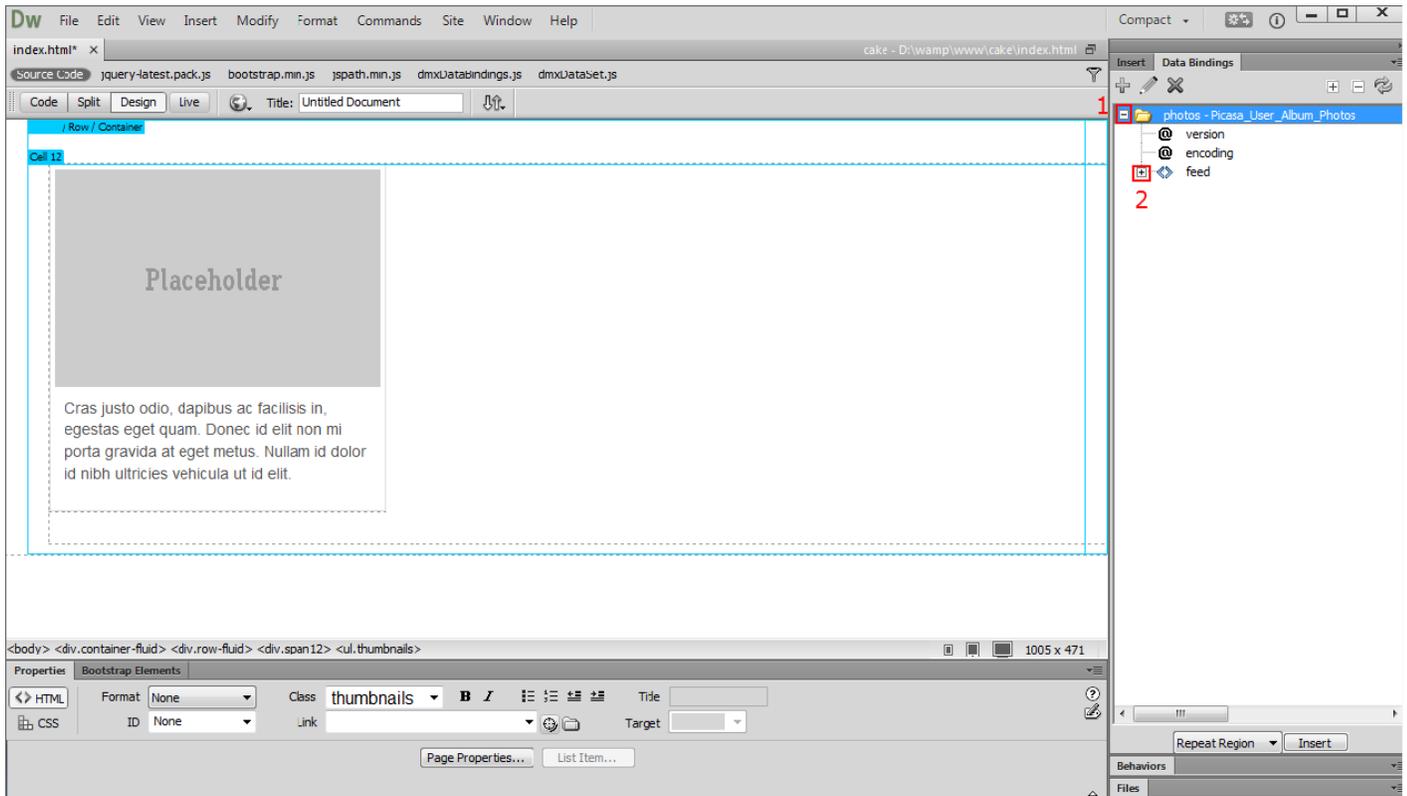
1. We designed our page layout where we have an unordered list containing one element with an image and text. We want to repeat the unordered list element on our page so we can display all of the photos in our feed.



- Click **add new data source** button (1). In the **HTML5 Data Bindings** window, add a **name** for the Data Source (2), select **Picasa - User Album Photos feed** (3). We enter the Picasa Photographer **User ID** and **Album ID** (4) and change the **image thumbnail size** (5). When you're done, click OK.

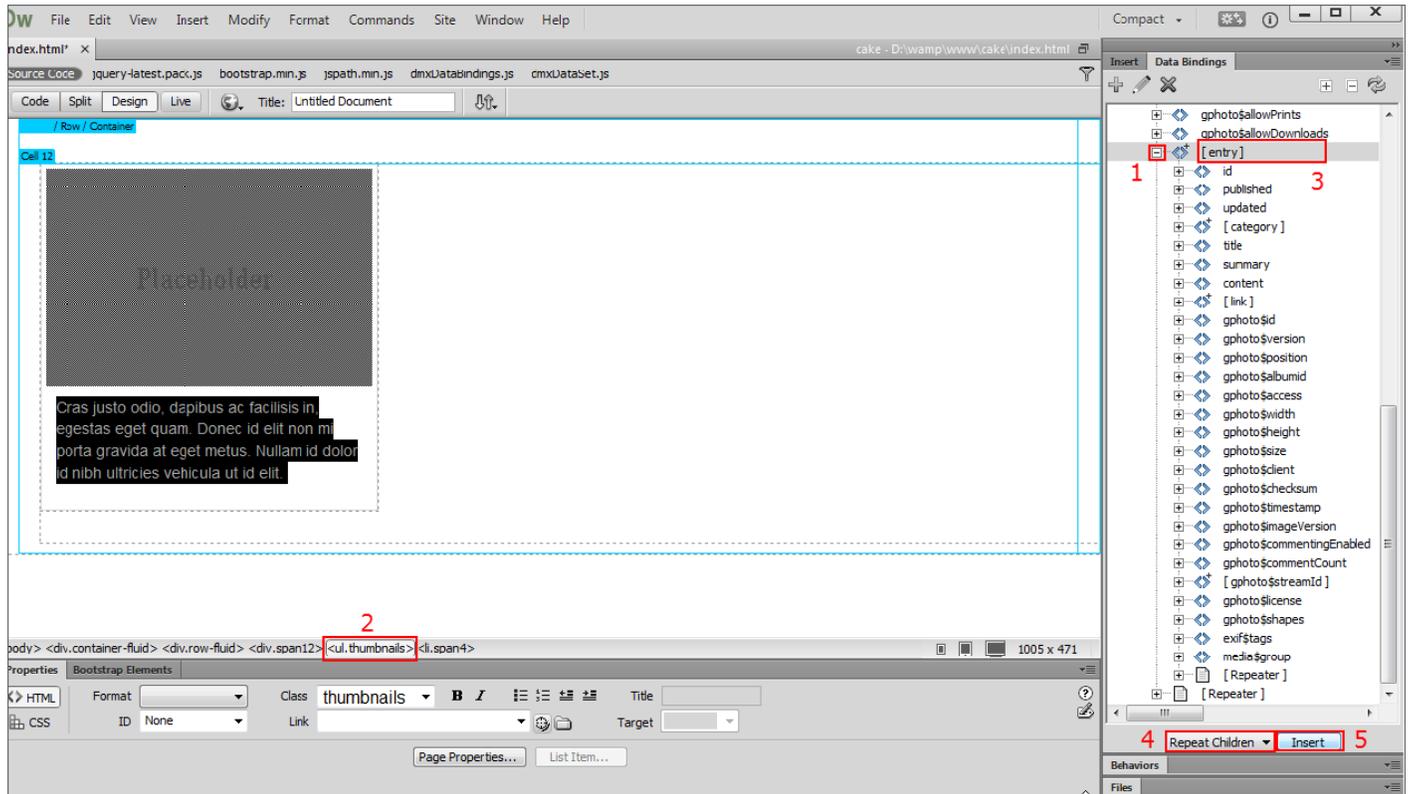


3. **Expand (1)** the feed so you can see its structure and **expand the feed element (2)**.

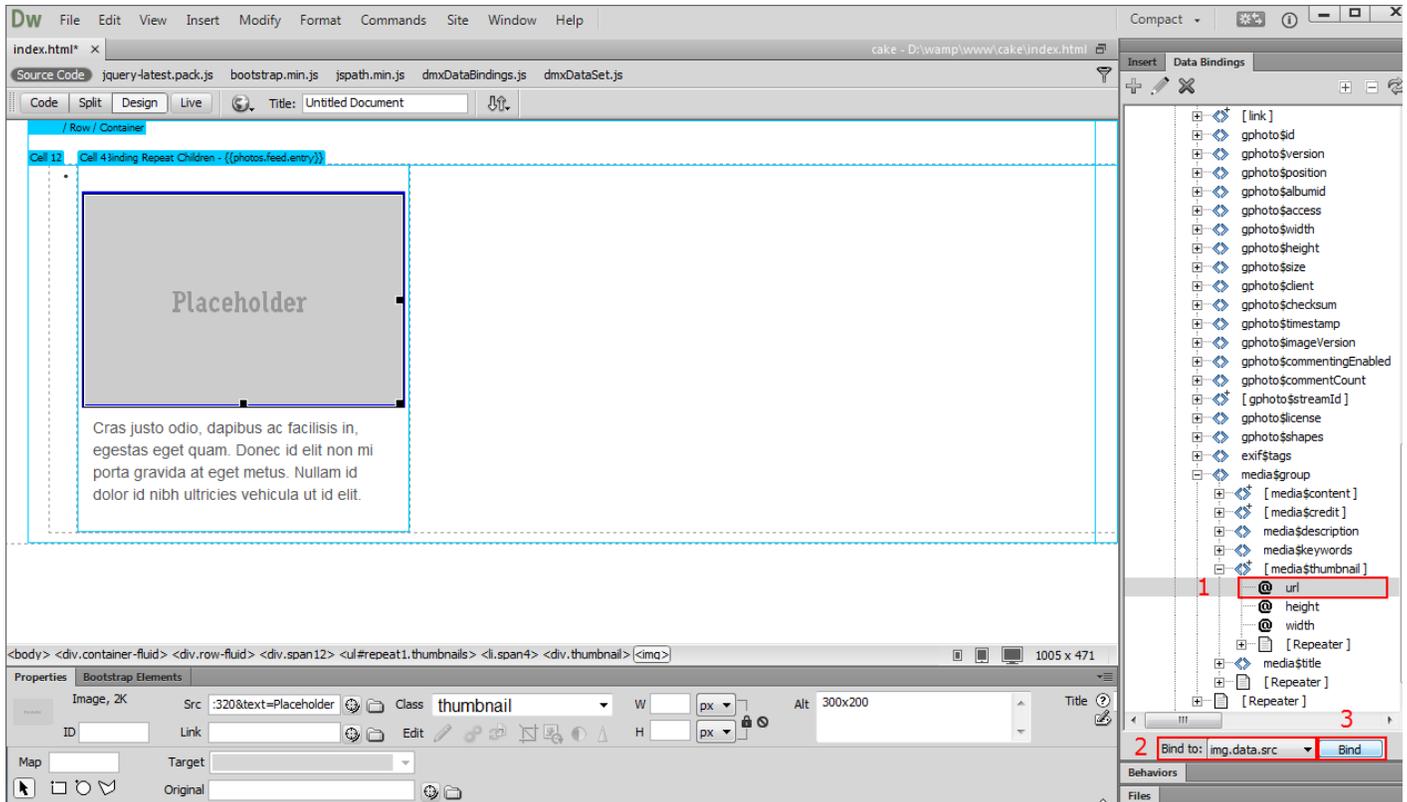


4. Expand the [**entry**] repeating element (1), because it is the feed element containing the info for our Picasa photos and select the **parent unordered list element** (2). Choose the [**entry**] repeating element (3), select **repeat children** from the Smart insert panel (4) and click **insert** (5).

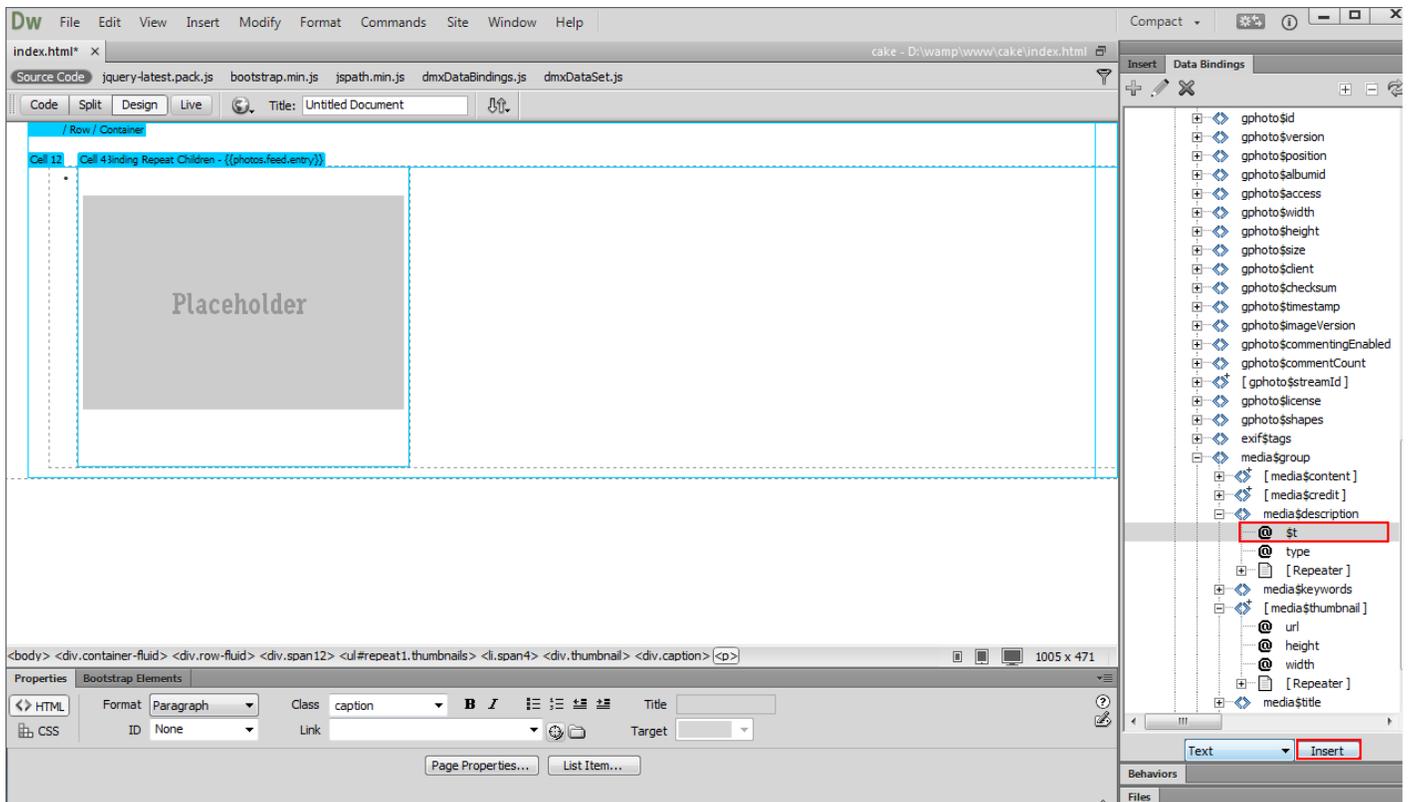
NOTE: Repeat Children Elements can be applied to any Parent element in a Parent > Child structure



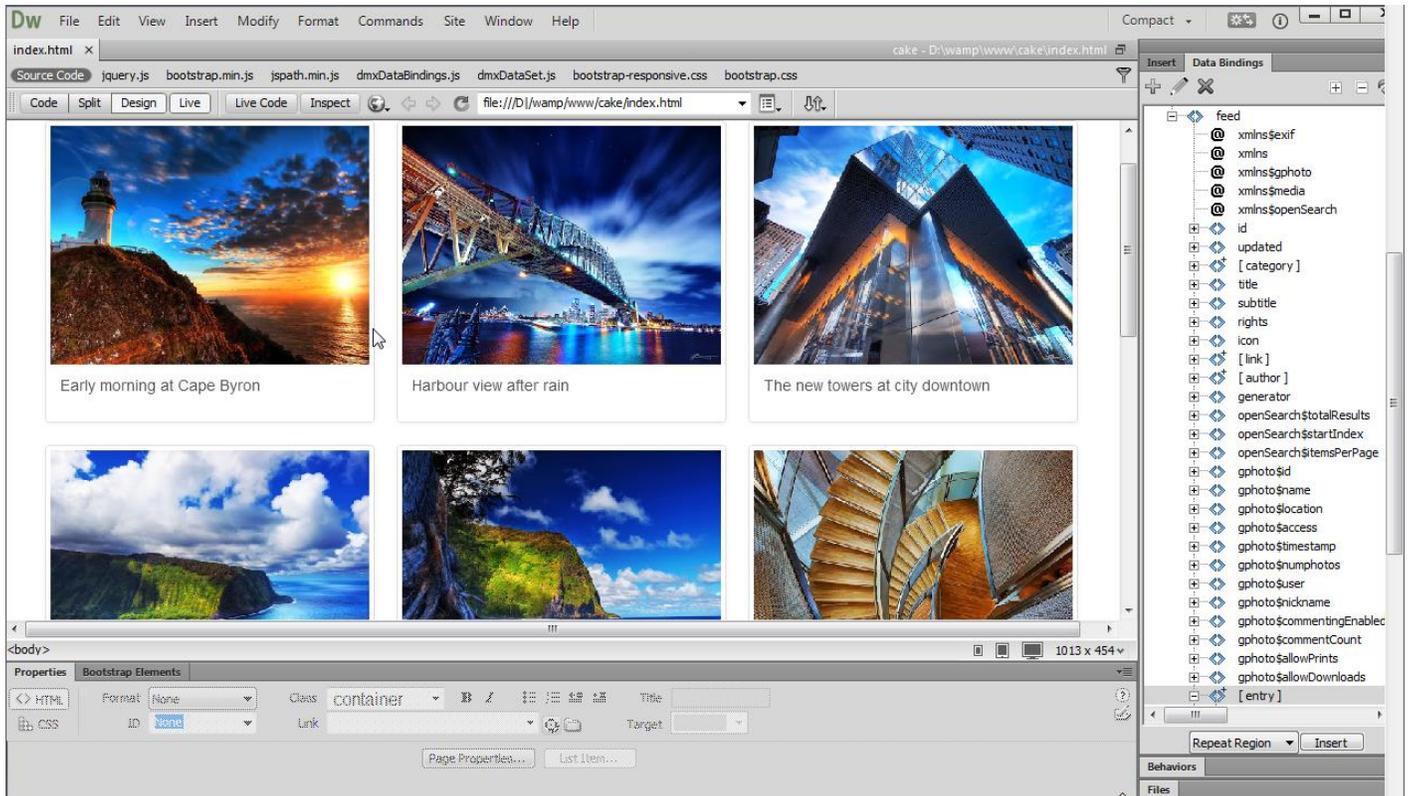
- Now we are going to bind the **photo and description attributes** to our child element. In the expanded media group data element, select **URL binding** under media thumbnail (1), select **img.data.src** (2) under the **bind to menu** and click **bind** (3). This applies the URL binding to a custom HTML5 data-binding-src attribute.



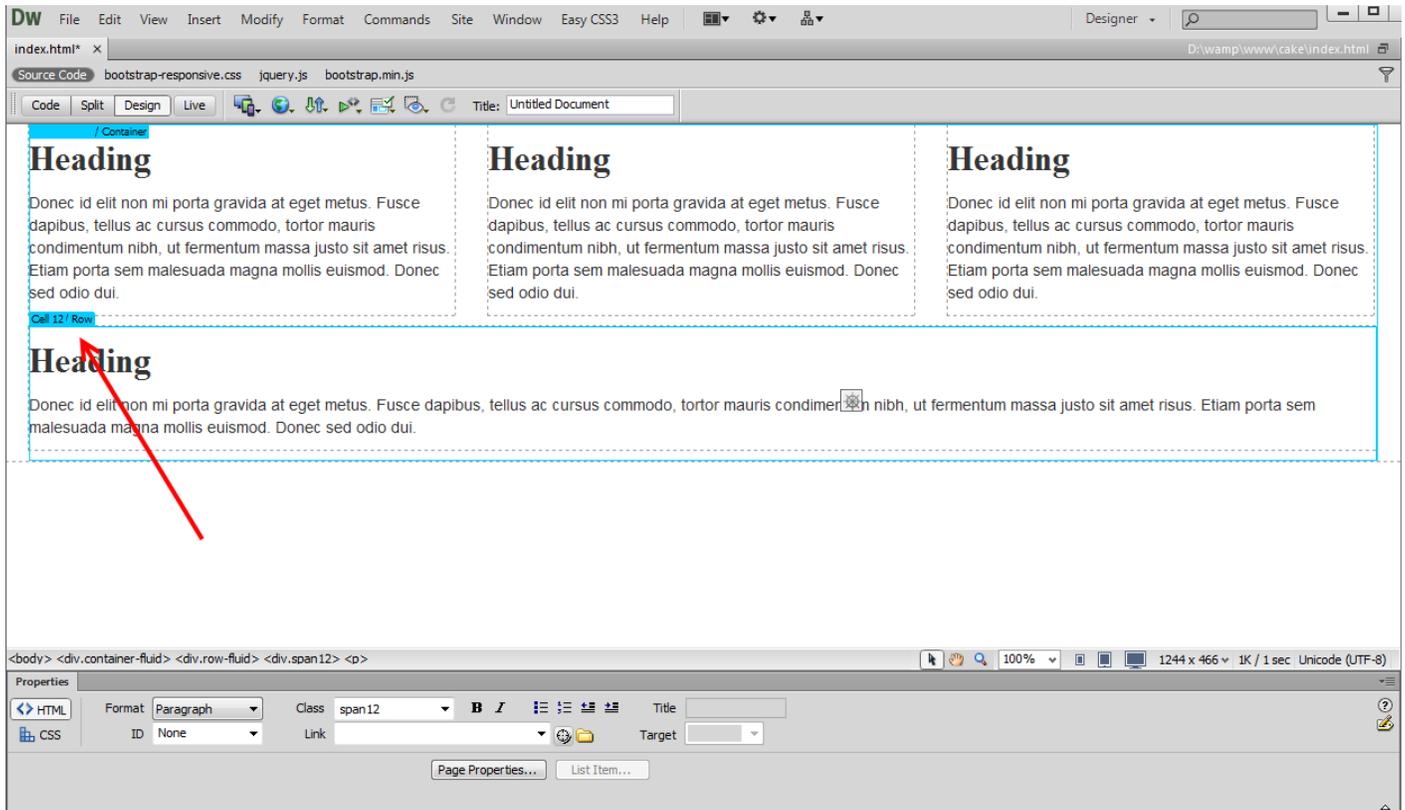
- Now, we will add the description binding under our image. We already removed the dummy text under the image. Select the **first attribute under the media description feed element (1)** and **click insert (2)**.



- This is the result in Live view. You can see that the child element `` is repeated as many times as there are entries in the feed. This is how you can show feed entries on your page using Repeat Children Region



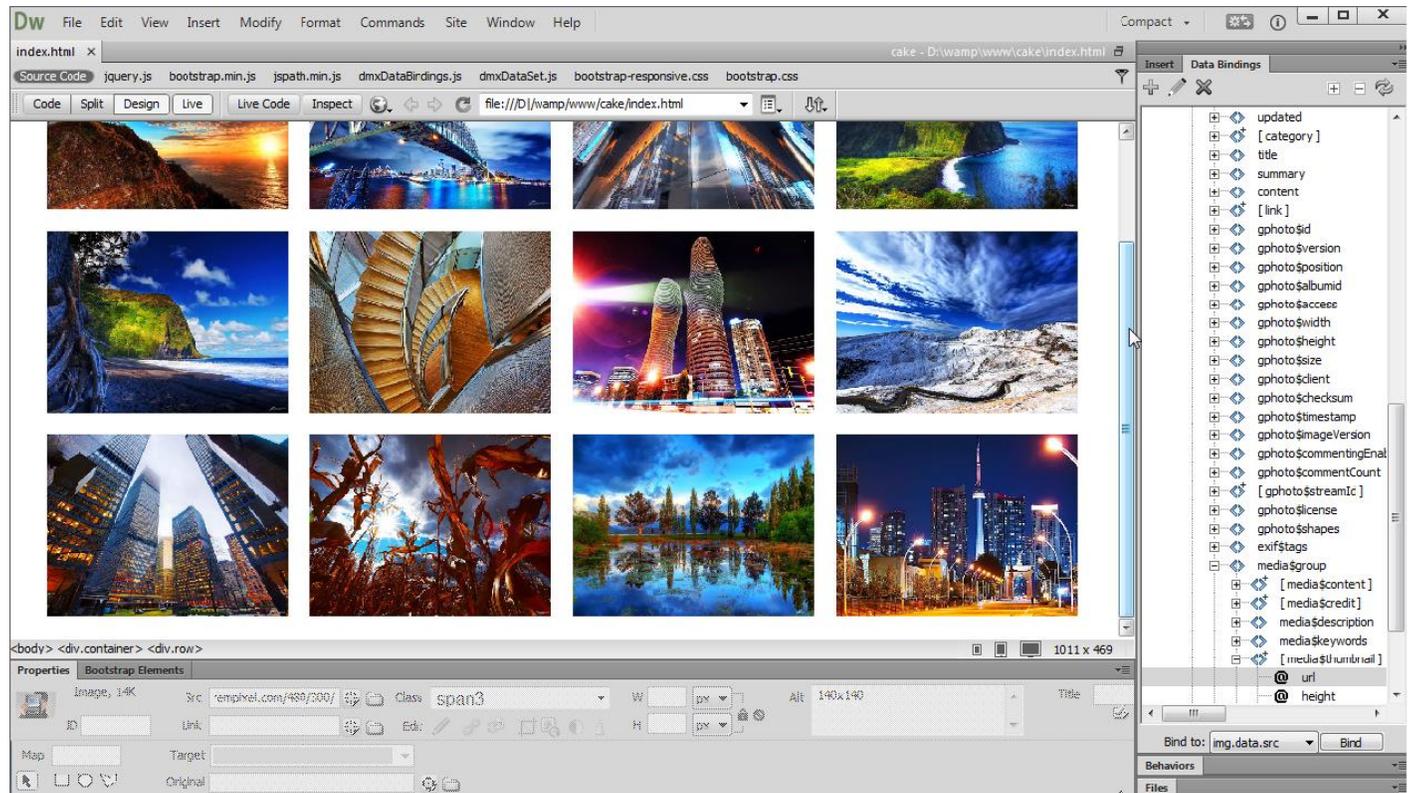
- Here is the **second row** that we just added inside our main container. You can style your page and preview it in your browser. This is how you can create your grid based layout in just a few minutes.



Advanced: Using Repeat Region in HTML5 Data Bindings

In this tutorial we will show you how to show feed entries on your page using Repeat Region.

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



How to do it

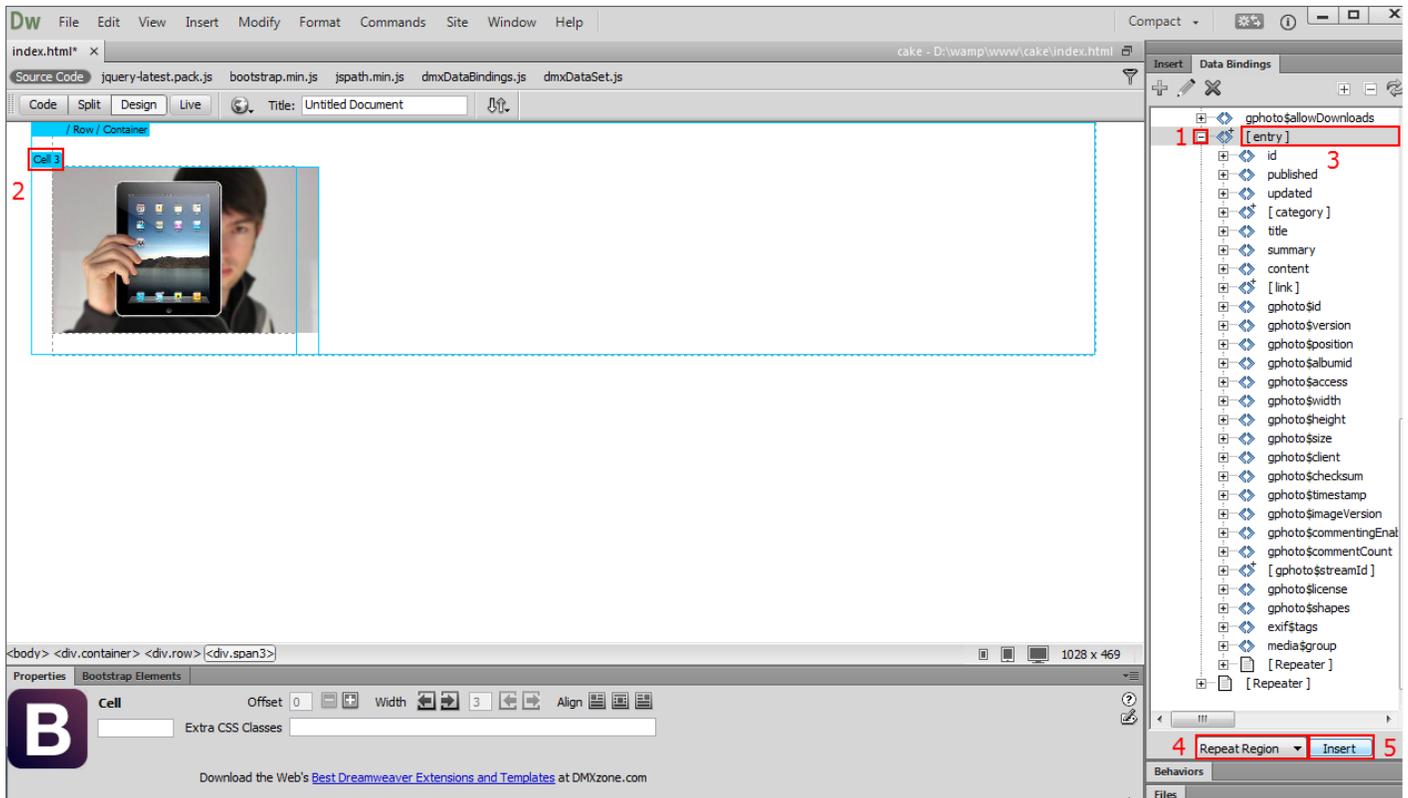
1. We have a Div container with a dummy image inside on our page. Click **add new data source** button (1). In the **HTML5 Data Bindings** window, add a **name** for the Data Source (2), select **Picasa - User Album Photos feed** (3). We enter the Picasa Photographer **User ID** and **Album ID** (4) and change the **image thumbnail size** (5). When you're done, click OK.

The screenshot shows the Dreamweaver interface with the HTML5 Data Bindings dialog box open. The dialog box is titled "HTML5 Data Source" and has a "DMXzone" logo. It has two tabs: "General" and "About". The "General" tab is selected. The dialog box contains the following fields and options:

- Data Source Options:**
 - Name: myfeed (highlighted with a red box and number 2)
 - Type: Public Feeds, Database Source, Local File
- Public Feeds Options:**
 - Source: Picasa - User Album Photos (highlighted with a red box and number 3)
 - Test Feed: [button]
- Search Options:**
 - User ID: 113468859402733407435 (highlighted with a red box and number 4)
 - Album ID: 5893036785777899553 (highlighted with a red box and number 4)
 - Thumb Size: 400 px, Uncropped (highlighted with a red box and number 5)
 - Image Size: 720 px, Uncropped
 - Max Results / Per Page: 20
- Data Fetching Options:**
 - Behaviors: [button]

A yellow note at the bottom of the dialog box says: "Enter the maximum results you want to receive and display per page".

- Expand the [entry] repeating element in the feed (1) and select the **Div container** that you want to repeat (2). While the [entry] repeating element is selected (3) choose **repeat region** (4) and click **insert** (5).

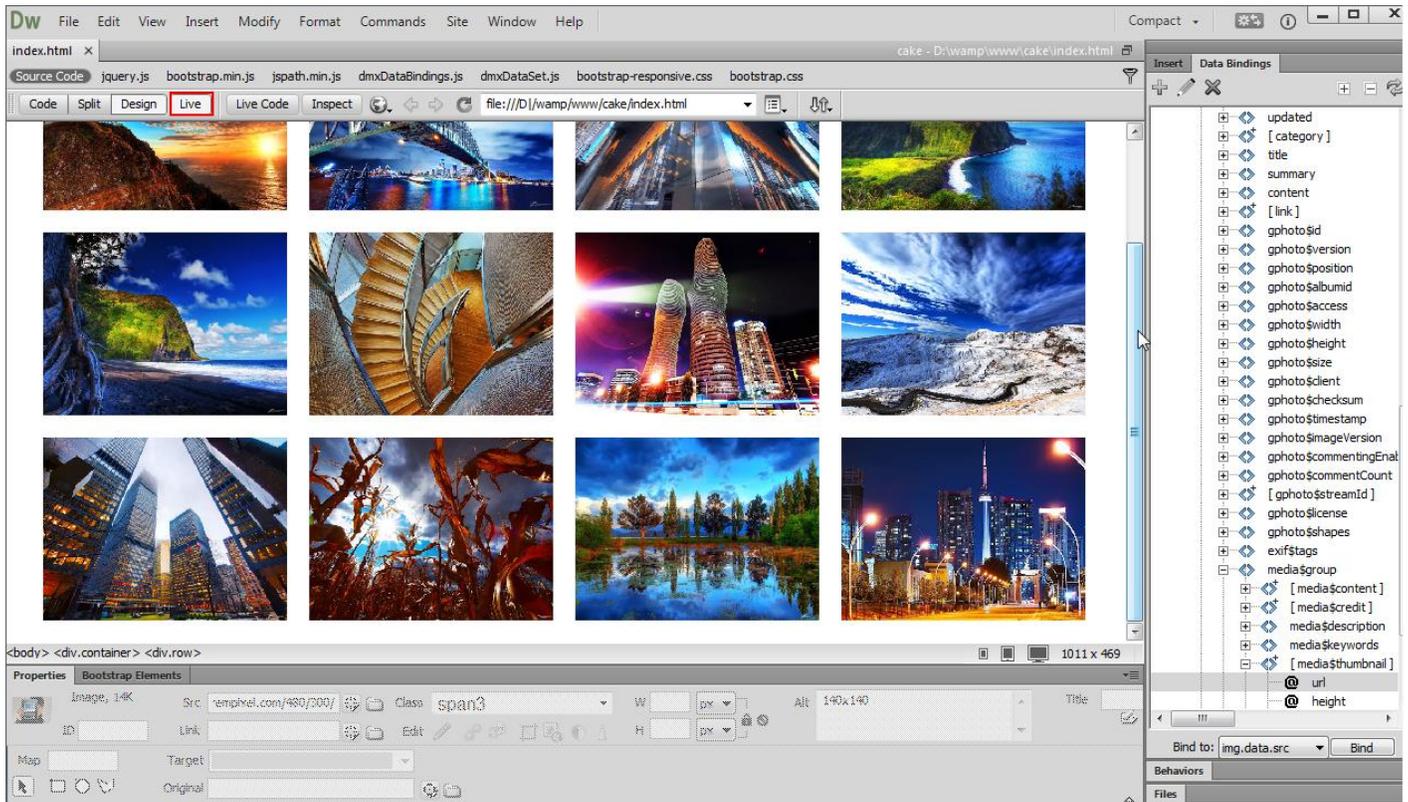


3. Select the **dummy image** inside the container (1) and in the **media group element (2)**, select the **URL attribute** under media thumbnail (3). Choose **img.data.src** item (4) from the bind menu and **click bind (5)**.

The screenshot displays a web development IDE with the following components:

- Main Editor:** Shows a design view of a container with a red border (1) containing a dummy image of a person holding a tablet. A blue dashed border (2) highlights the image area.
- Code Editor:** Shows the HTML structure: `<div.container> <div.row> <div#repeat1.span3> `.
- Properties Panel:** Shows the selected image element with properties: Src: `tempixel.com/480/300/`, Class: `span3`, Alt: `140x140`.
- Data Bindings Panel:** Shows a tree view of data binding options. The `mediaGroup` element (2) is selected, and the `url` attribute (3) is highlighted. The binding menu (4) shows `img.data.src` selected, and the `Bind` button (5) is highlighted.

- This is the result in Live view. Now you know how to show feed entries on your page using Repeat Region.



Advanced: Using Detail Region in HTML5 Data Bindings

In this tutorial we will show you how to show detailed information about your feed entries using Detail Region.
*You can also check out the [video](#).

The screenshot shows the Adobe Dreamweaver interface with a real estate website. The main content area displays a large image of a thatched-roof country house. To the right of the image, the following details are listed:

- Ref. No: REF1396
- Property Type: Country house
- Offer Type: For Sale
- Floor Space: approx. 225 m²
- Land Area: approx. 3980 m²
- Pool: No
- Price: 1.190.000,- EUR
- Bedrooms: 6
- Bathrooms: 5
- Heating Type: Fire place

Below the main image, there is a horizontal gallery of four smaller property cards:

- Beach house: 890.000,- EUR
- Country house: 1.190.000,- EUR
- Lake house: 1.190.000,- EUR
- Mountain house: 890.000,- EUR

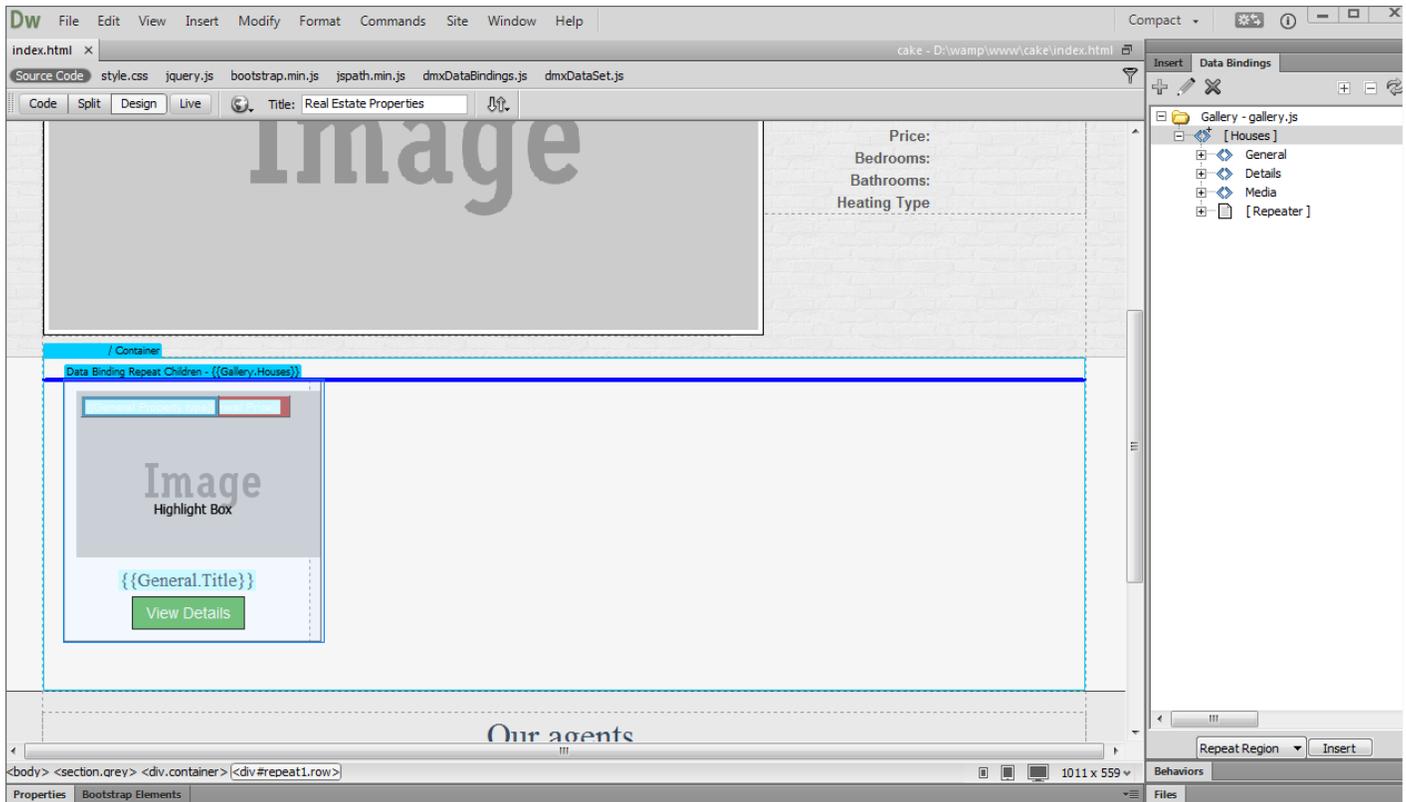
The right-hand side of the interface shows the 'Data Bindings' panel for the 'Gallery - gallery.js' component. The tree structure is as follows:

- General
 - Title
 - Number
 - Property type
 - Offer type
 - Floor space
 - Land area
 - Pool
 - Price
 - [Repeater]
- Details
 - Number of rooms
 - Bedrooms
 - Bathrooms
 - Heating
 - Commission
 - [Repeater]
- Media
 - Banner Image
 - [Photos]
 - [Repeater]
 - [Repeater]

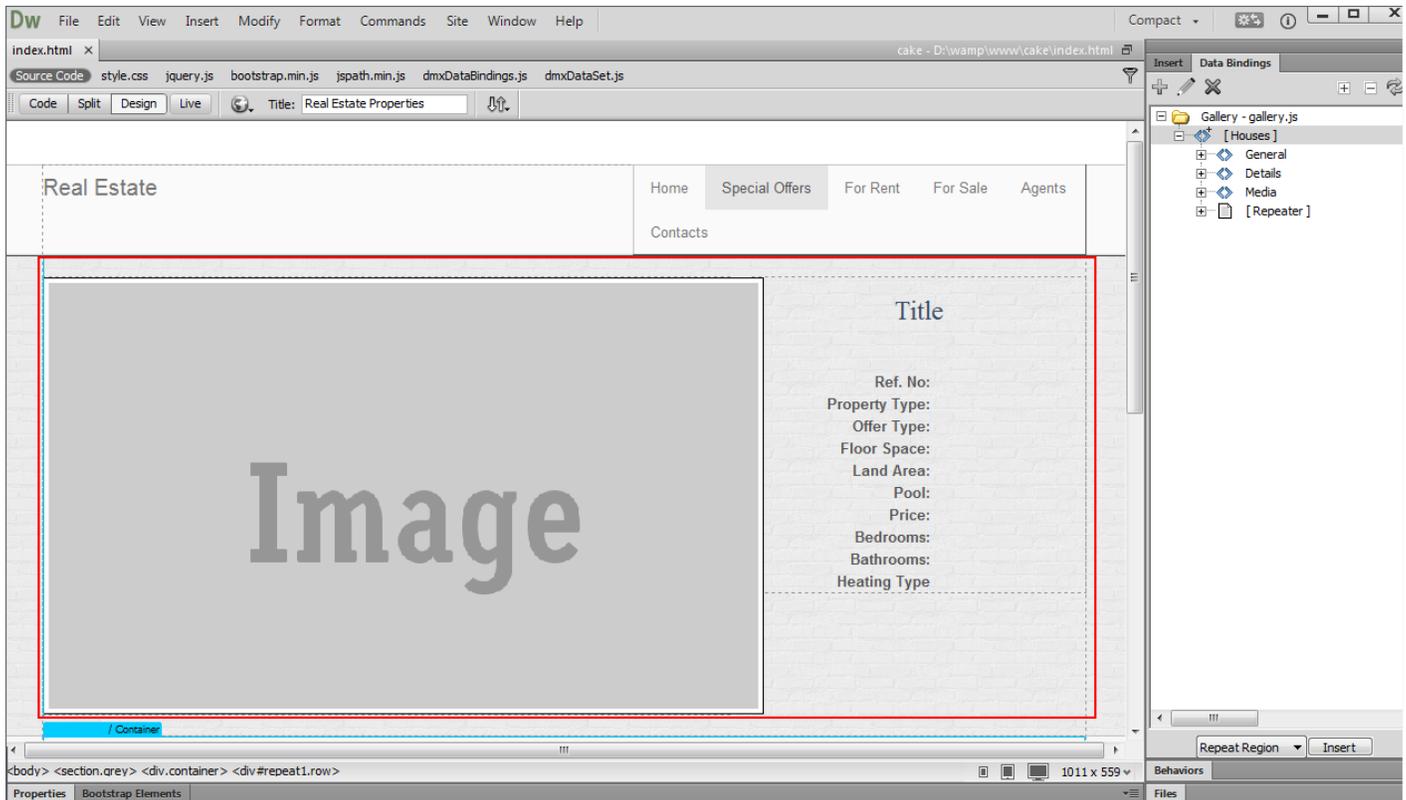
The bottom status bar shows the current HTML structure: `<body> <section#header> <div.container> <div.row> <div#detail1> <div.span4> <dl.di-horizontal> <dd>`

How to do it

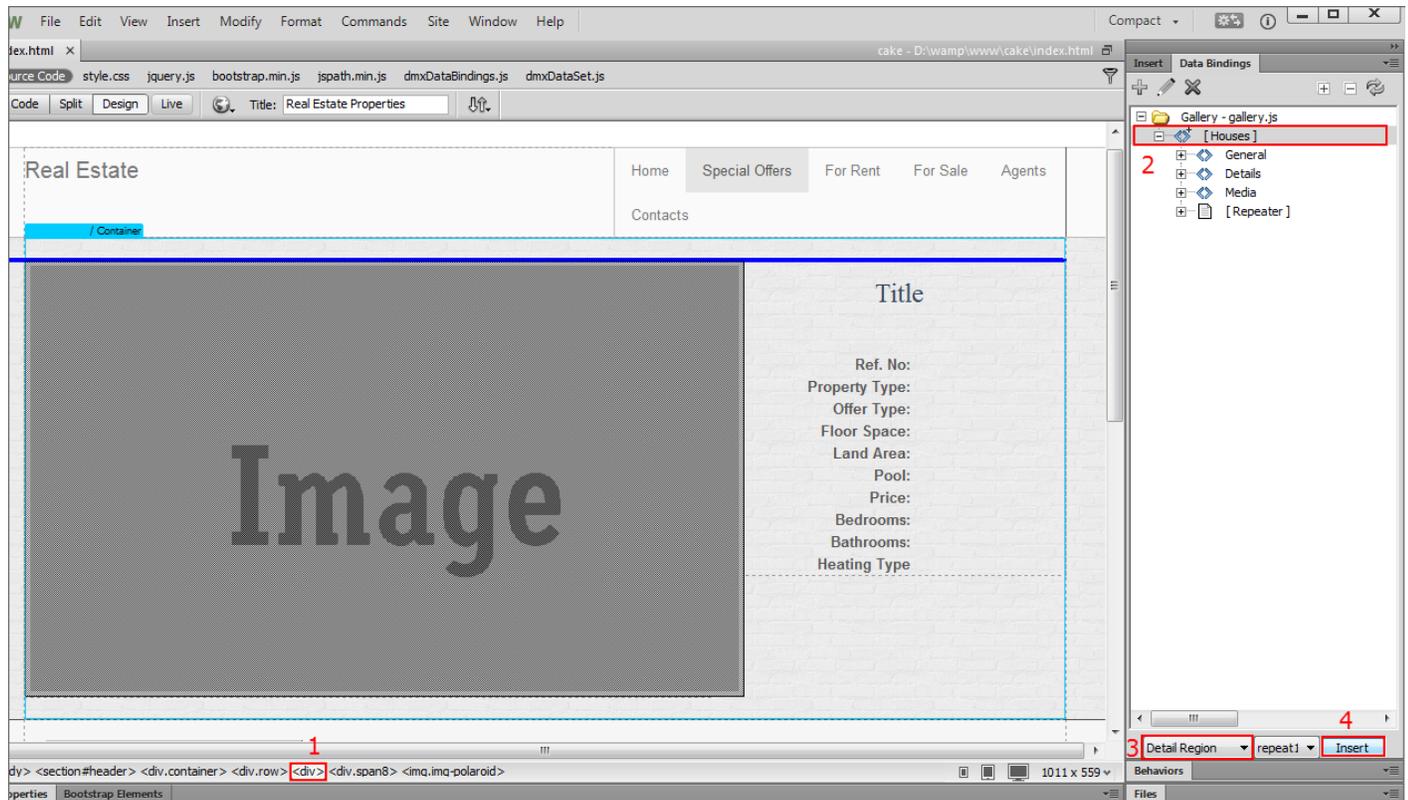
1. We created a repeat children region that contains a div container with thumbnail image, title, price and view details buttons.



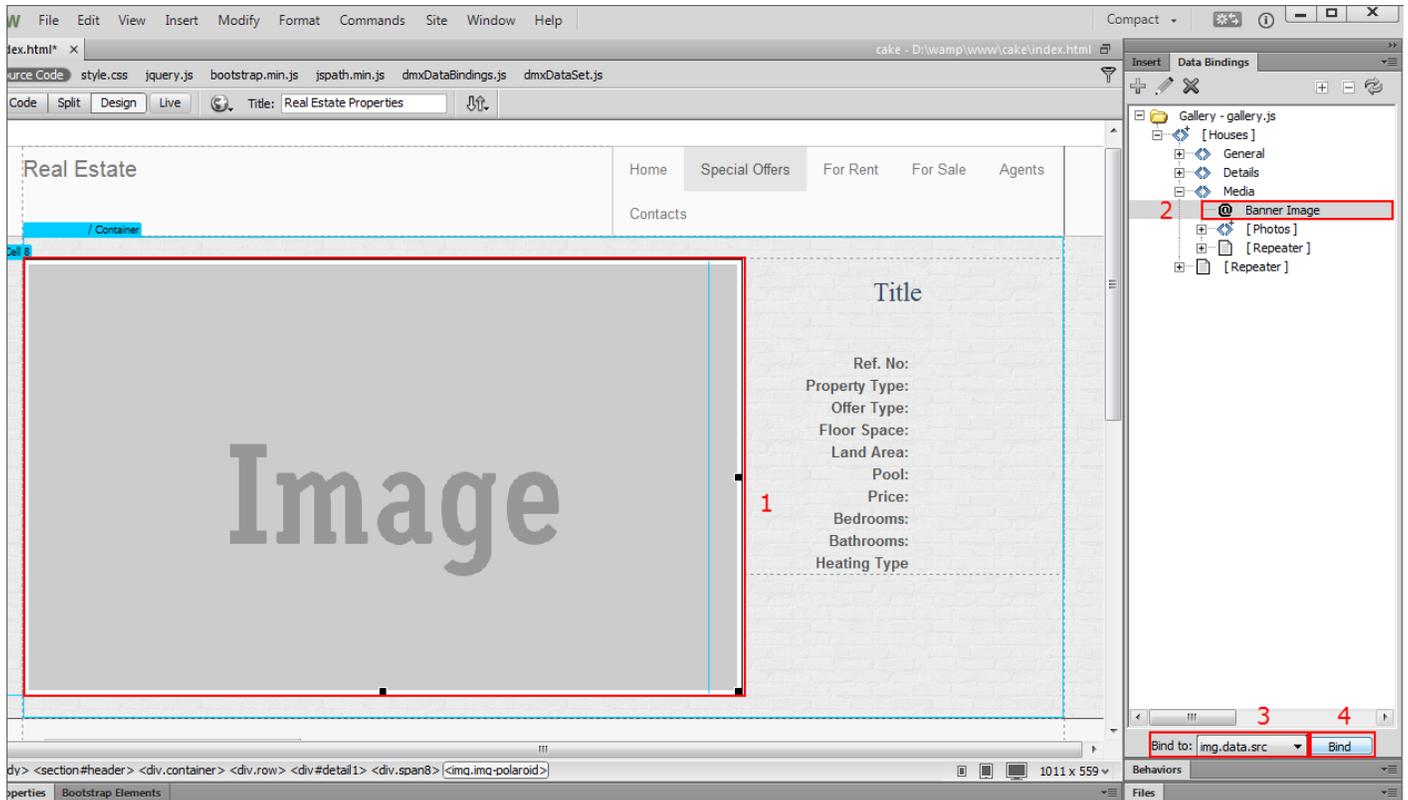
2. We want to show more detailed information about each entry when the view details button is clicked. This is the container that we are going to use for the details. It contains a dummy image, title and details list.



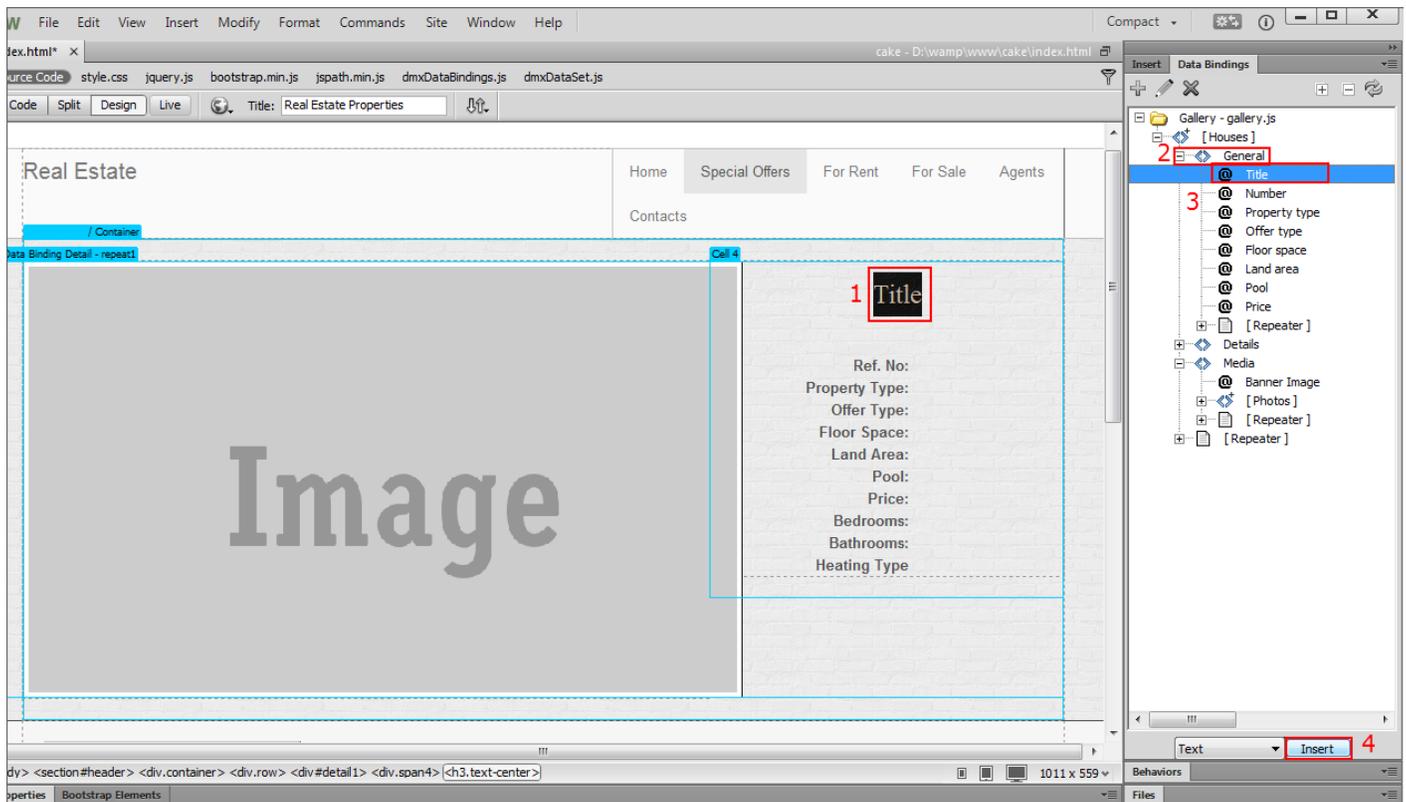
3. We select the **wrapping div container (1)**, select the **feed repeating element (2)**, choose **detail region item (3)** from the dropdown menu in the smart insert panel and **click insert (4)**.



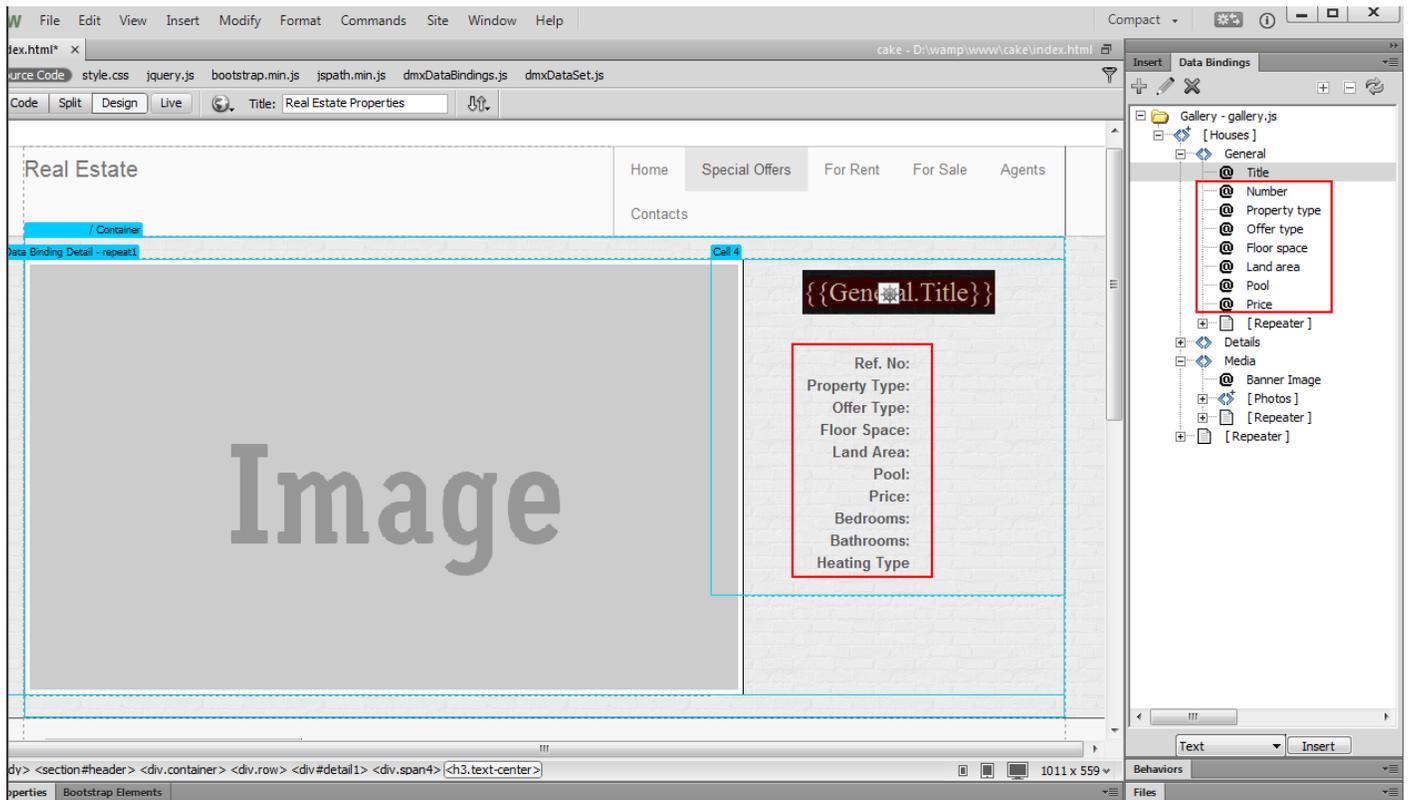
- Now, we can bind the details attributes into our detail region. Our image binding is located under the media data element. Select the **dummy image (1)** and the **banner image attribute (2)**. Choose the **img.data.src** item (3) from the bind menu and **click bind (4)**.



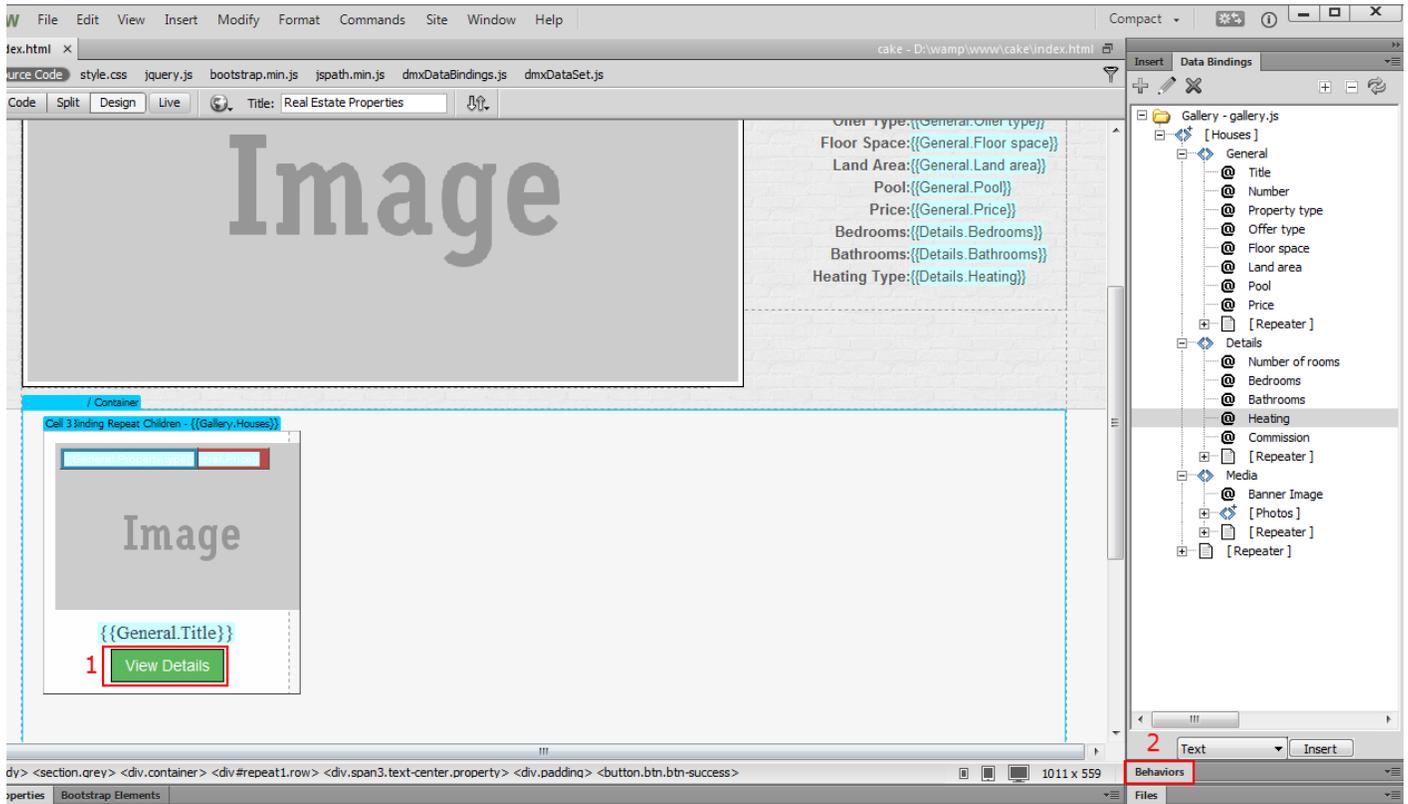
5. We are going to bind the title attribute from our feed. Select the **dummy text (1)**, expand the **general data element (2)**, choose **title (3)** and **click insert (4)**.



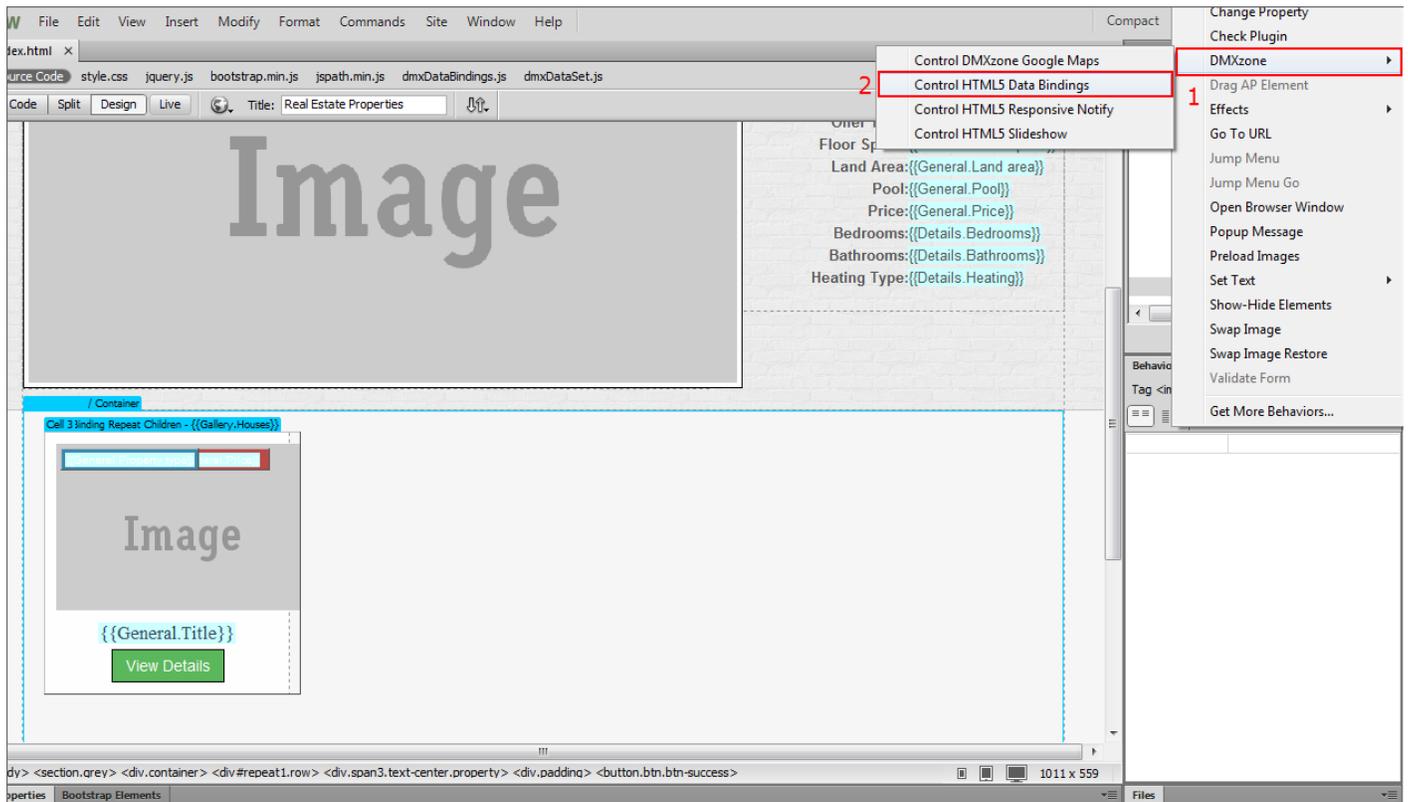
6. We do the same for each detail and we're done binding the attributes into the detail region.



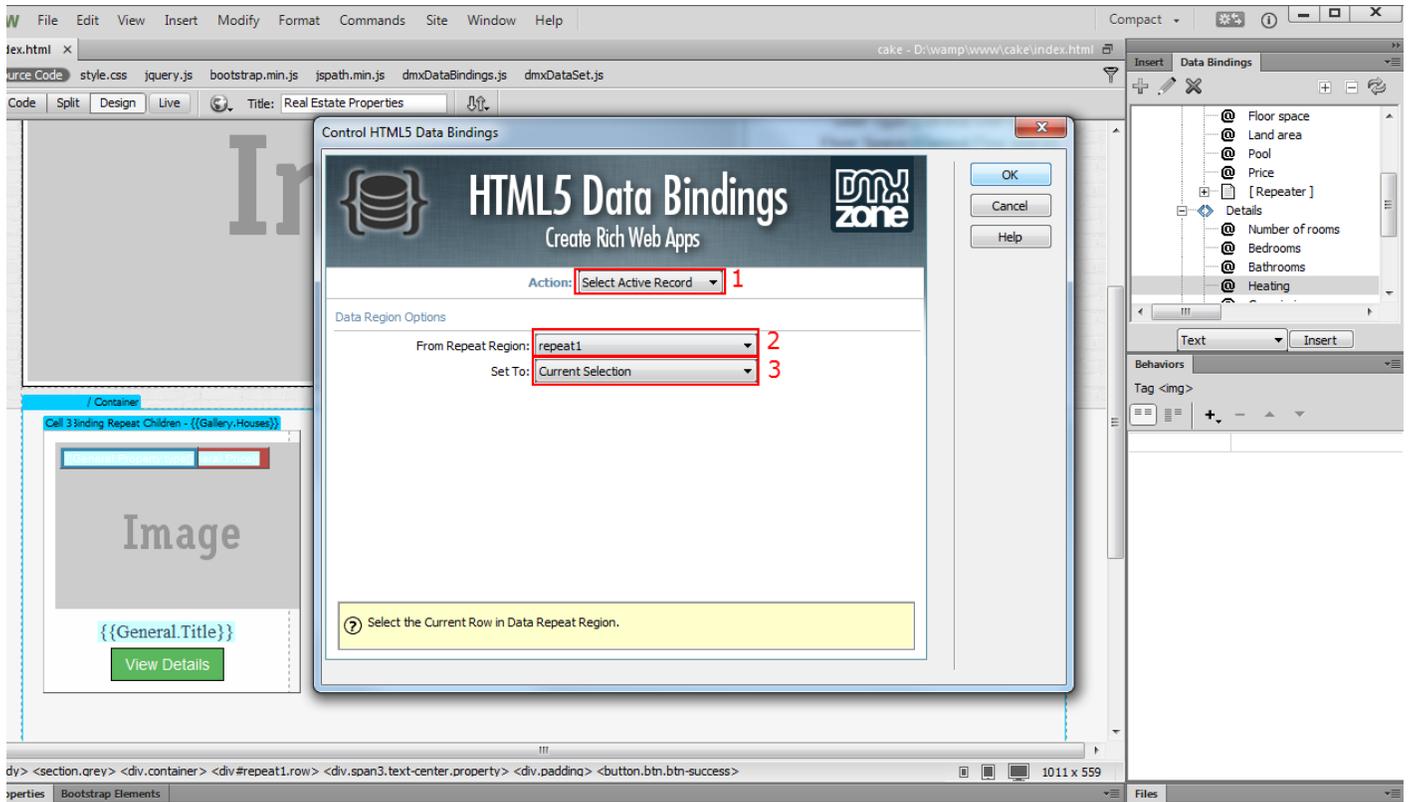
7. Select the **view details button (1)** and open the **behaviors tab (2)**.



8. From the **DMXzone** menu item (1), choose **control HTML5 Data Bindings** menu item (2).



- In the **control HTML5 Data Bindings window**, choose **select active record** item from the action menu **(1)**, select your **repeat region**, for our tutorial we only have one **(2)**, and select the **current selection** menu item from the set to menu **(3)**. When you're ready, click OK.



10. Click Live View button in order to preview the results.

The screenshot shows the Adobe Dreamweaver interface with a live preview of a real estate website. The website has a header with 'Real Estate' and navigation links: Home, Special Offers, For Rent, For Sale, Agents, and Contacts. The main content area features a large image of a thatched-roof country house. To the right of the image is a detailed listing for 'Amazing Country House' with the following specifications:

- Ref. No:** REF1396
- Property Type:** Country house
- Offer Type:** For Sale
- Floor Space:** approx. 225 m²
- Land Area:** approx. 3980 m²
- Pool:** No
- Price:** 1.190.000.- EUR
- Bedrooms:** 6
- Bathrooms:** 5
- Heating Type:** Fire place

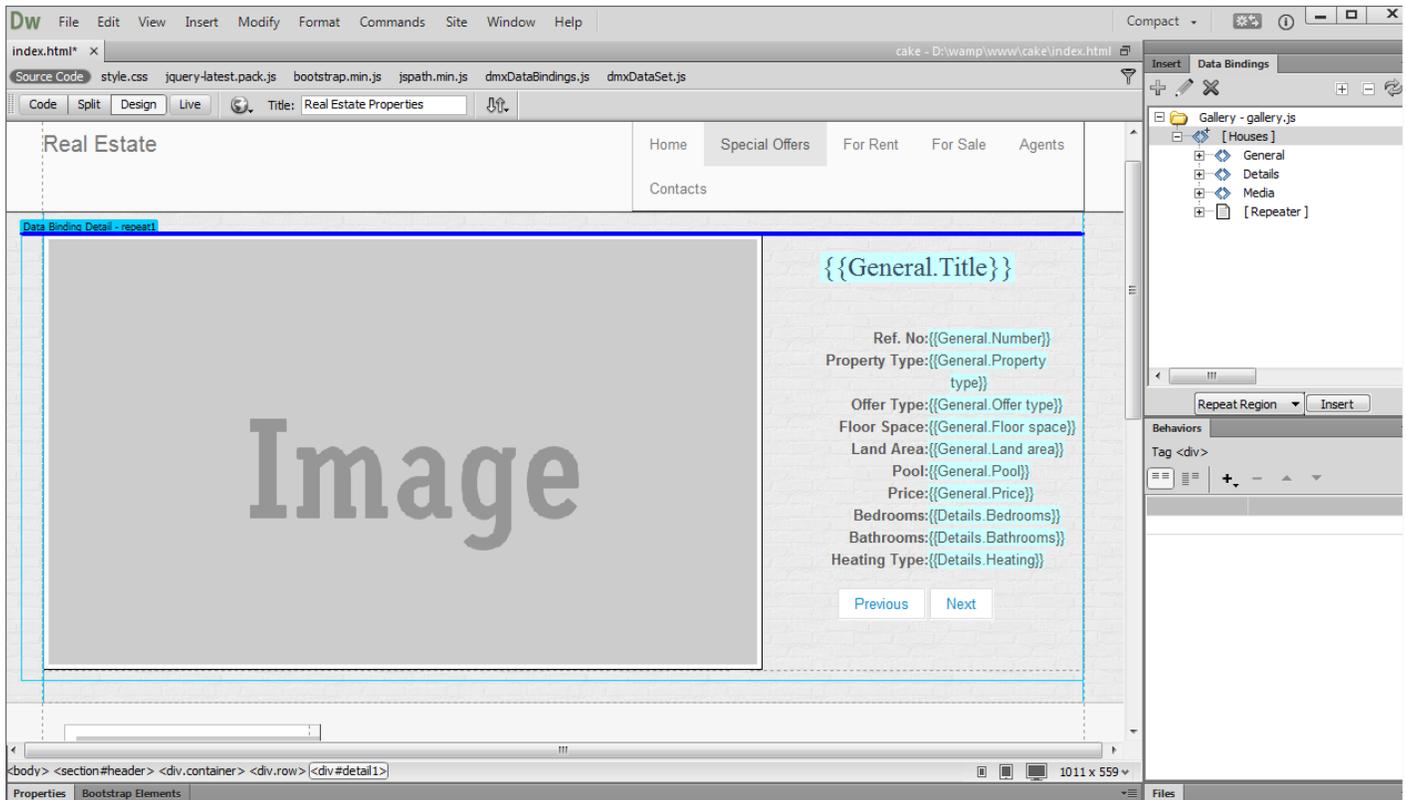
Below the main listing is a gallery of four smaller property images with their respective prices:

- Beach house: 890.000.- EUR
- Country house: 1.190.000.- EUR
- Lake house: 1.190.000.- EUR
- Mountain house: 890.000.- EUR

The Dreamweaver interface includes a menu bar (File, Edit, View, Insert, Modify, Format, Commands, Site, Window, Help), a toolbar with the 'Live' button highlighted, a source code window, and a Data Bindings panel on the right showing a tree structure for the 'Gallery - gallery.js' component.

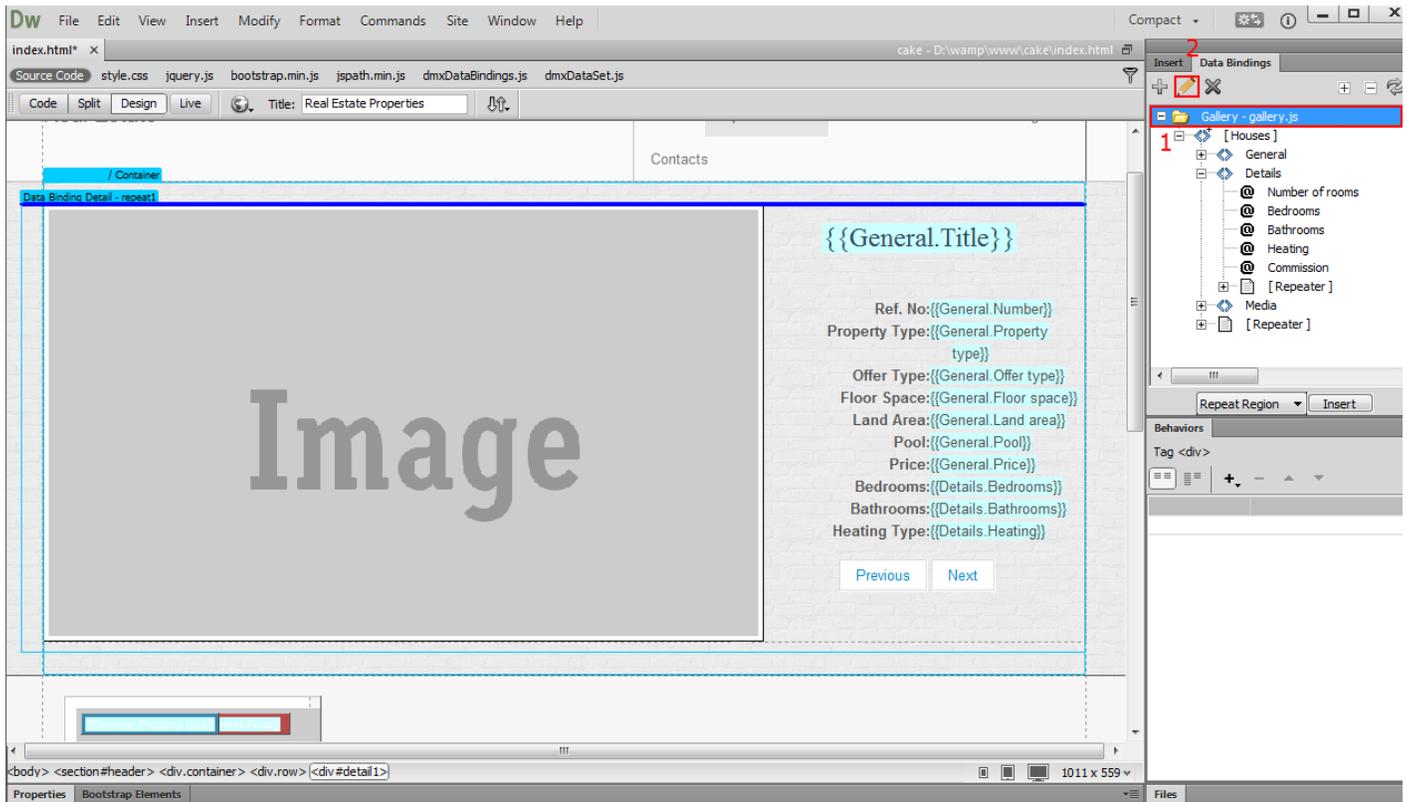
Advanced: Setting up the Initial Content of the Detail Regions

In this tutorial we will show you how to setup the Initial Content of the Detail Regions on your page.
*You can also check out the [video](#).

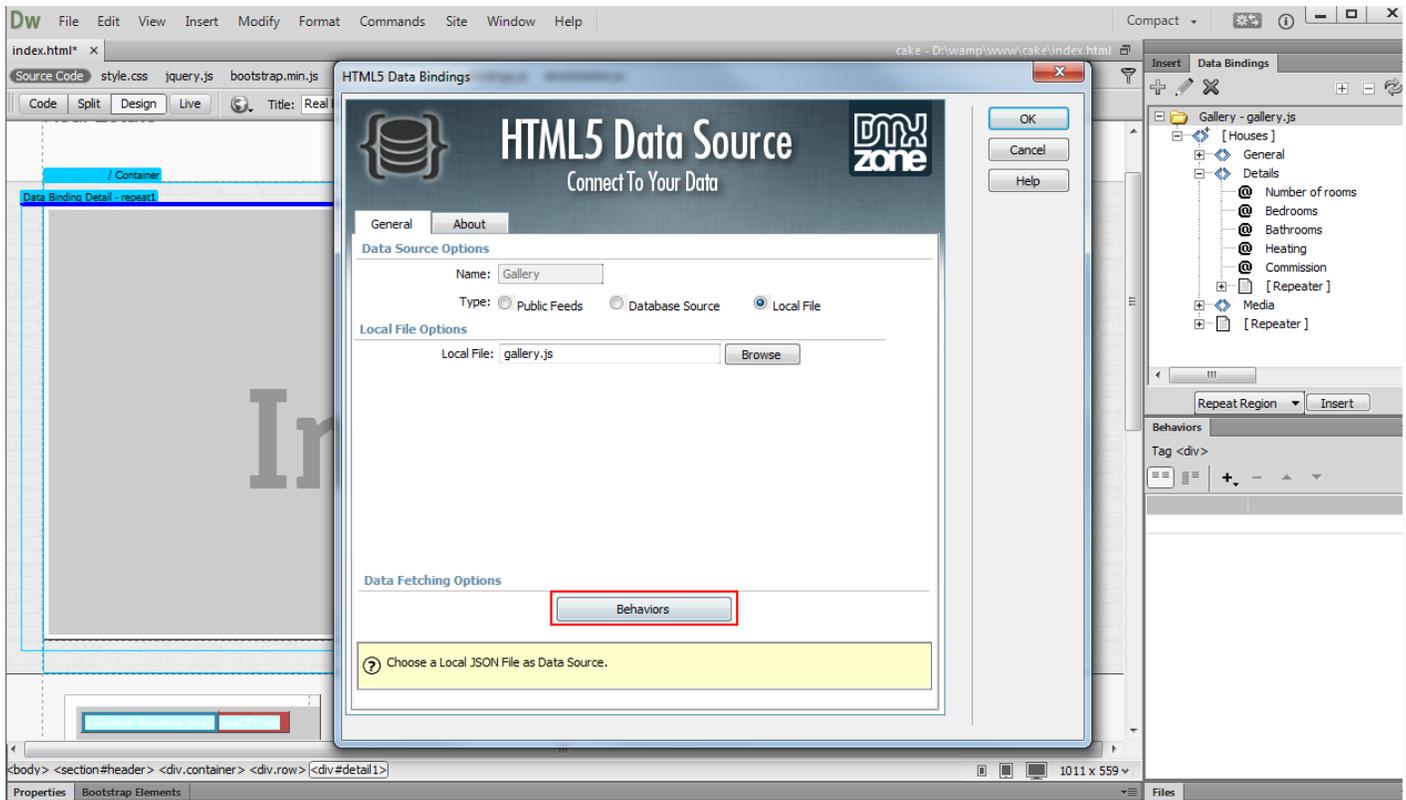


How to do it

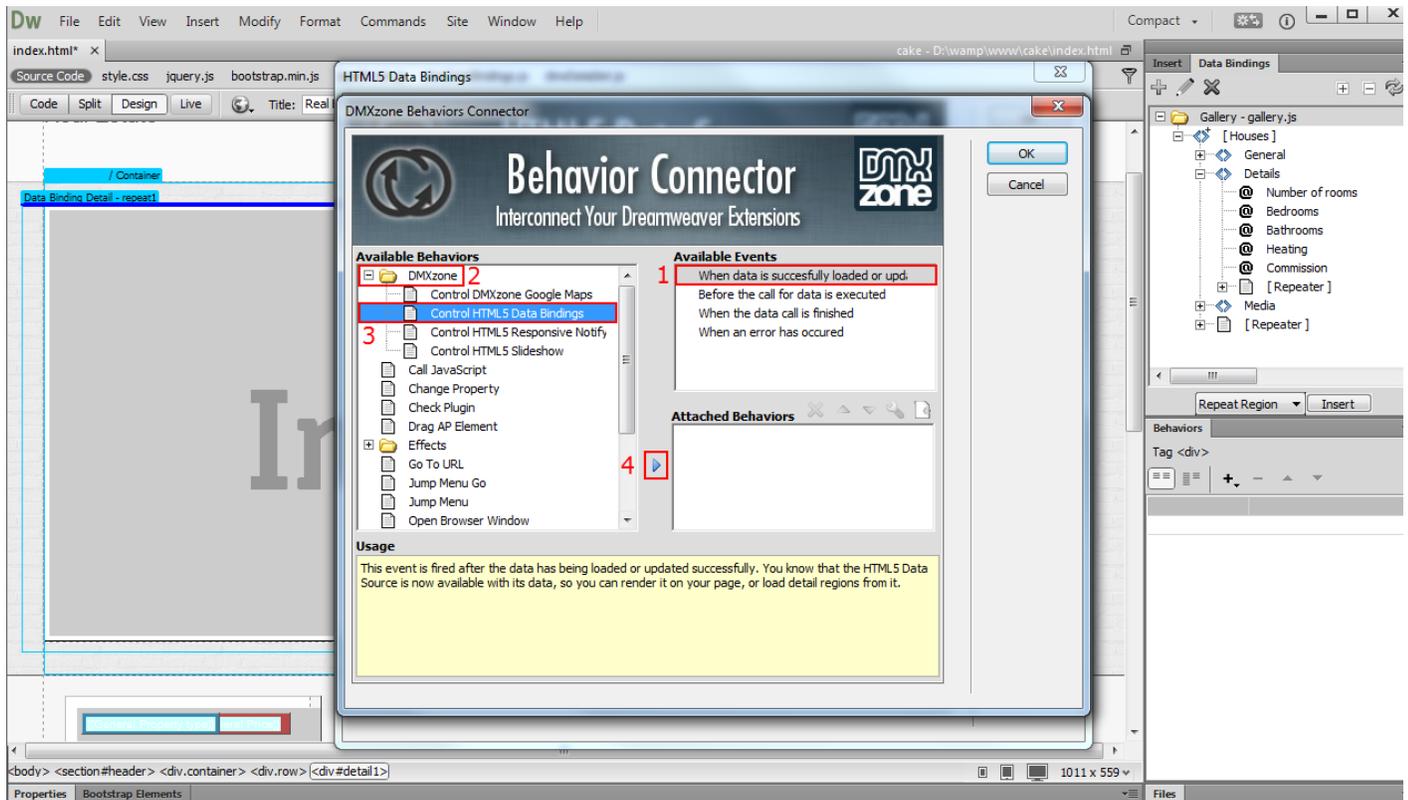
1. We inserted a repeat region on our page and we also created a detail region that shows detailed information for each of the feed entries. By default the detail region shows info for the first entry of the repeat region. Let's change this. Select the **feed (1)** and click **edit data source button (2)**.



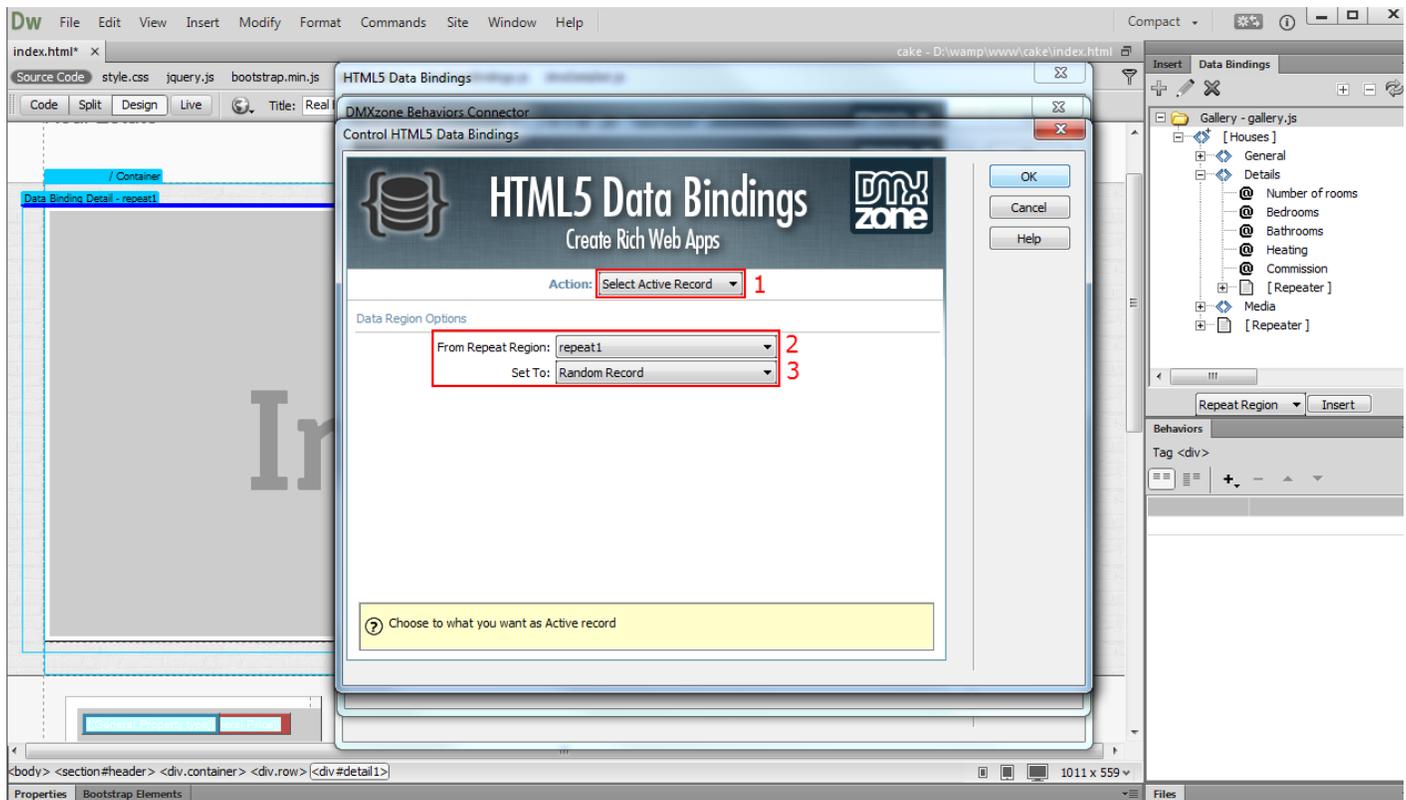
2. In the HTML5 Data Bindings window, click **the behaviors button**.



- In the Behavior connector window, select **when data is successfully loaded or updated (1)**, choose **DMXzone (2)**, select **control HTML5 Data Bindings (3)** and **add the selected behavior (4)**.



4. In the control **HTML5 Data Bindings** window, choose **select active record action (1)**, select the **repeat region (2)** and choose **random record** from the set to menu **(3)**. When you're done, click OK.



5. Click the Live View button in order to preview the results.

The screenshot shows the Adobe Dreamweaver interface in Live View mode. The browser window displays a real estate website. The main content area features a large image of a lake house with a pool and a gazebo. To the right of the image is a detailed listing for "Adventures Lake House" with the following specifications:

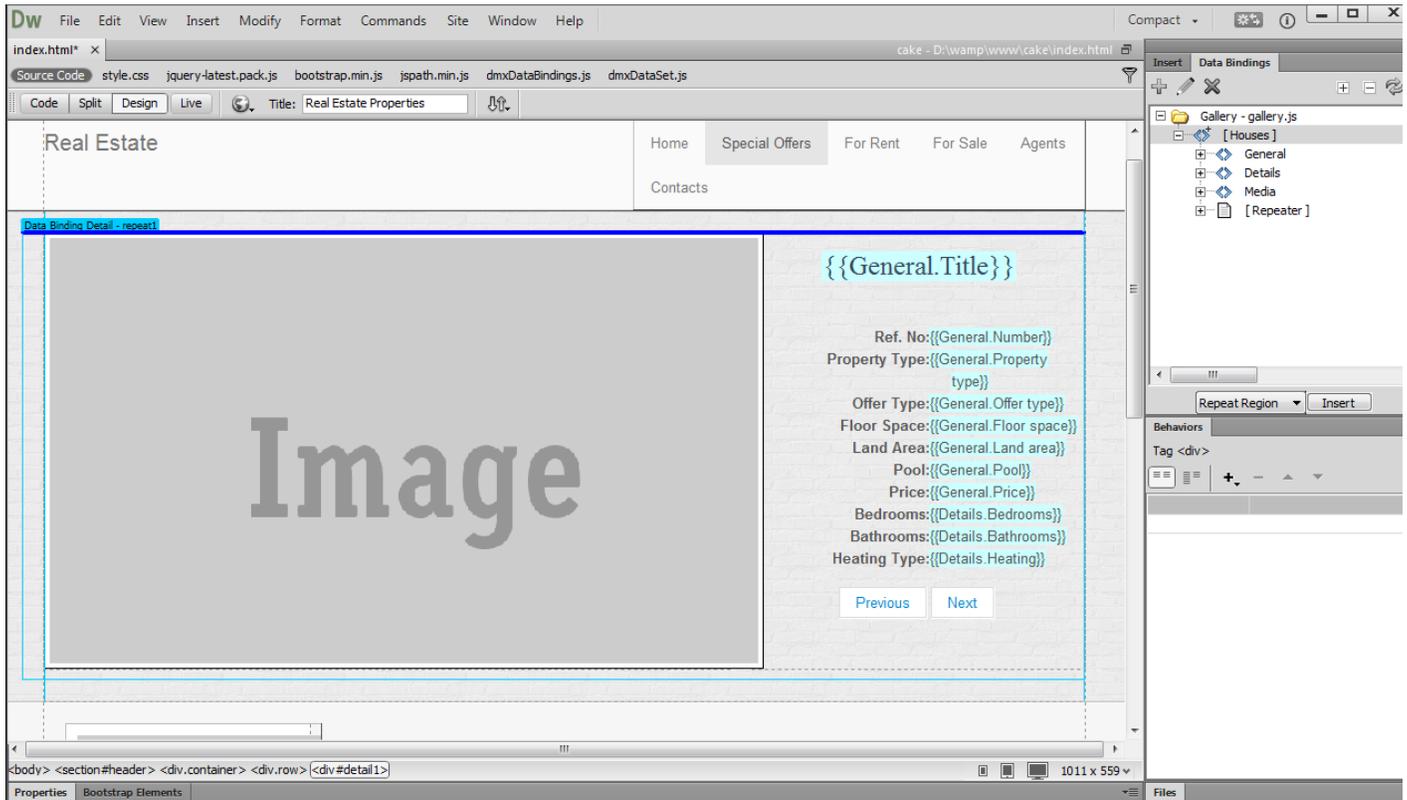
- Ref. No: REF1397
- Property Type: Lake house
- Offer Type: For Sale
- Floor Space: approx. 285 m²
- Land Area: approx. 2380 m²
- Pool: No
- Price: 1,190,000.- EUR
- Bedrooms: 8
- Bathrooms: 6
- Heating Type: Fire place

Below the main listing is a gallery of four smaller property images, each with a price tag:

- Beach house: 890,000.- EUR
- Country house: 1,190,000.- EUR
- Lake house: 1,190,000.- EUR
- Mountain house: 890,000.- EUR

The Dreamweaver interface shows the "Live" button highlighted in the top toolbar. The "Data Bindings" panel on the right shows a gallery structure with a repeater. The bottom status bar shows the current element is a <div#detail1>.

6. This is how easy it is to setup the Initial Content of the Detail Regions on your page.



Advanced: Creating Custom Navigation for the Detail Region

In this tutorial we will show you how to create custom navigation for the detail region.

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

The screenshot displays the Adobe Dreamweaver interface with a real estate website. The main content area features a large image of a two-story beach house with a thatched roof and a swimming pool. To the right of the image, the following details are listed:

- Ref. No:** REF1395
- Property Type:** Beach house
- Offer Type:** For Sale
- Floor Space:** approx. 185 m²
- Land Area:** approx. 2780 m²
- Pool:** yes
- Price:** 890.000,- EUR
- Bedrooms:** 5
- Bathrooms:** 4
- Heating Type:** Fire place

Below the details are two buttons: "Previous" and "Next". At the bottom of the page, there is a row of four smaller property cards with their respective prices:

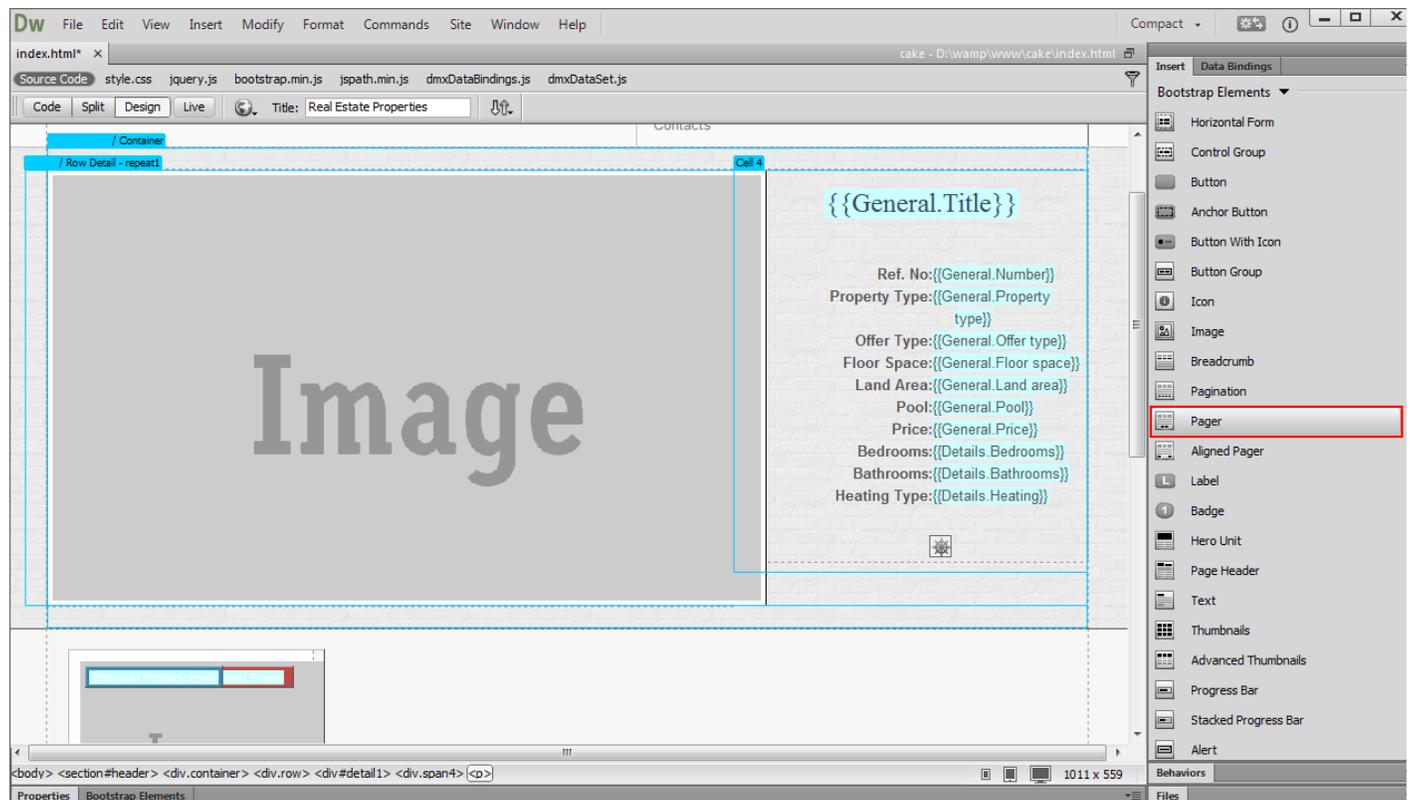
- Beach house: 890.000,- EUR
- Country house: 1.190.000,- EUR
- Lake house: 1.190.000,- EUR
- Mountain house: 890.000,- EUR

The Dreamweaver interface includes a menu bar (File, Edit, View, Insert, Modify, Format, Commands, Site, Window, Help), a toolbar, and a right-hand sidebar with "Insert" and "Data Bindings" panels. The status bar at the bottom shows "Properties", "Bootstrap Elements", and "Files".

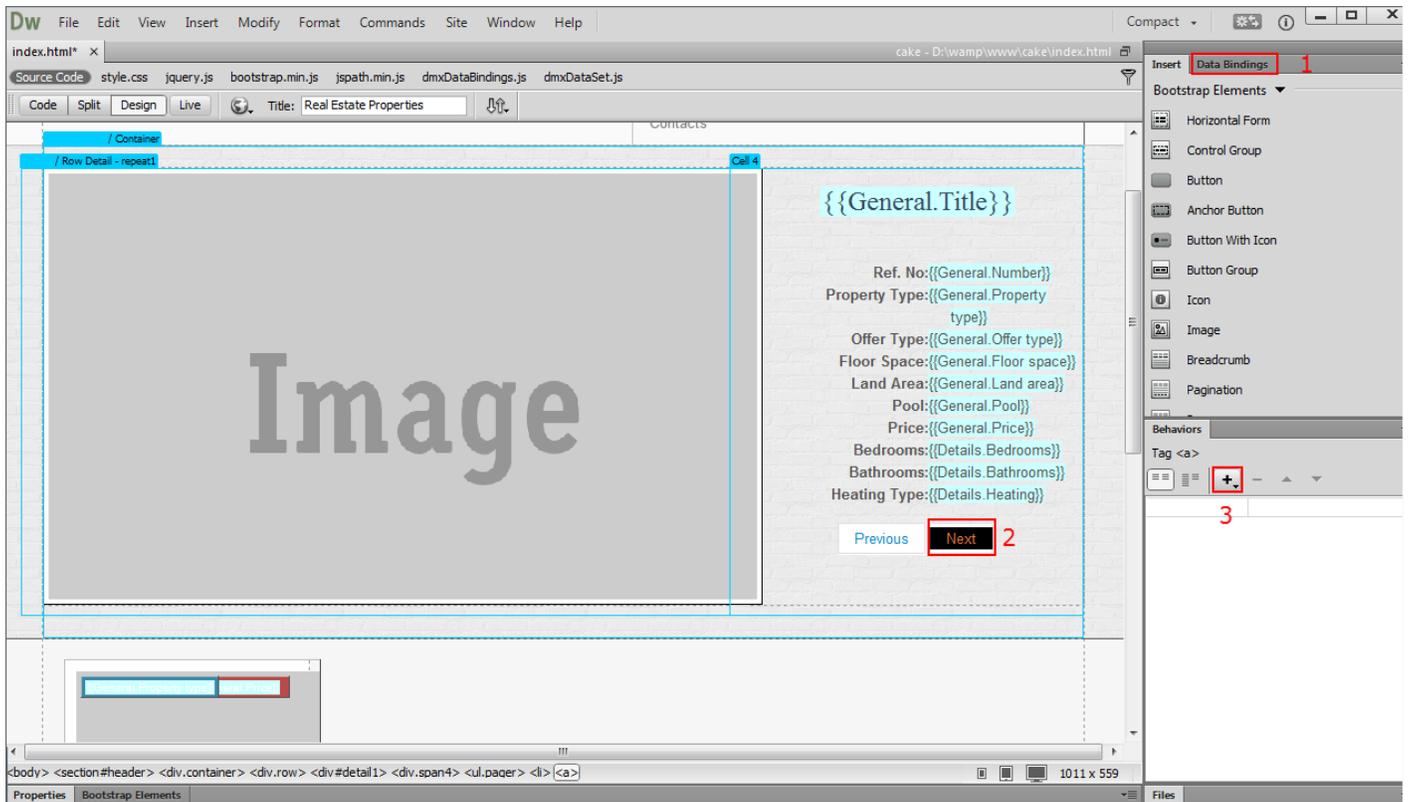
How to do it

1. We inserted a repeat region on our page and we also created a detail region that shows detailed information for each of the feed entries. We are going to insert previous and next buttons that will change the info in the detail region. For our tutorial we use Bootstrap Pager element.

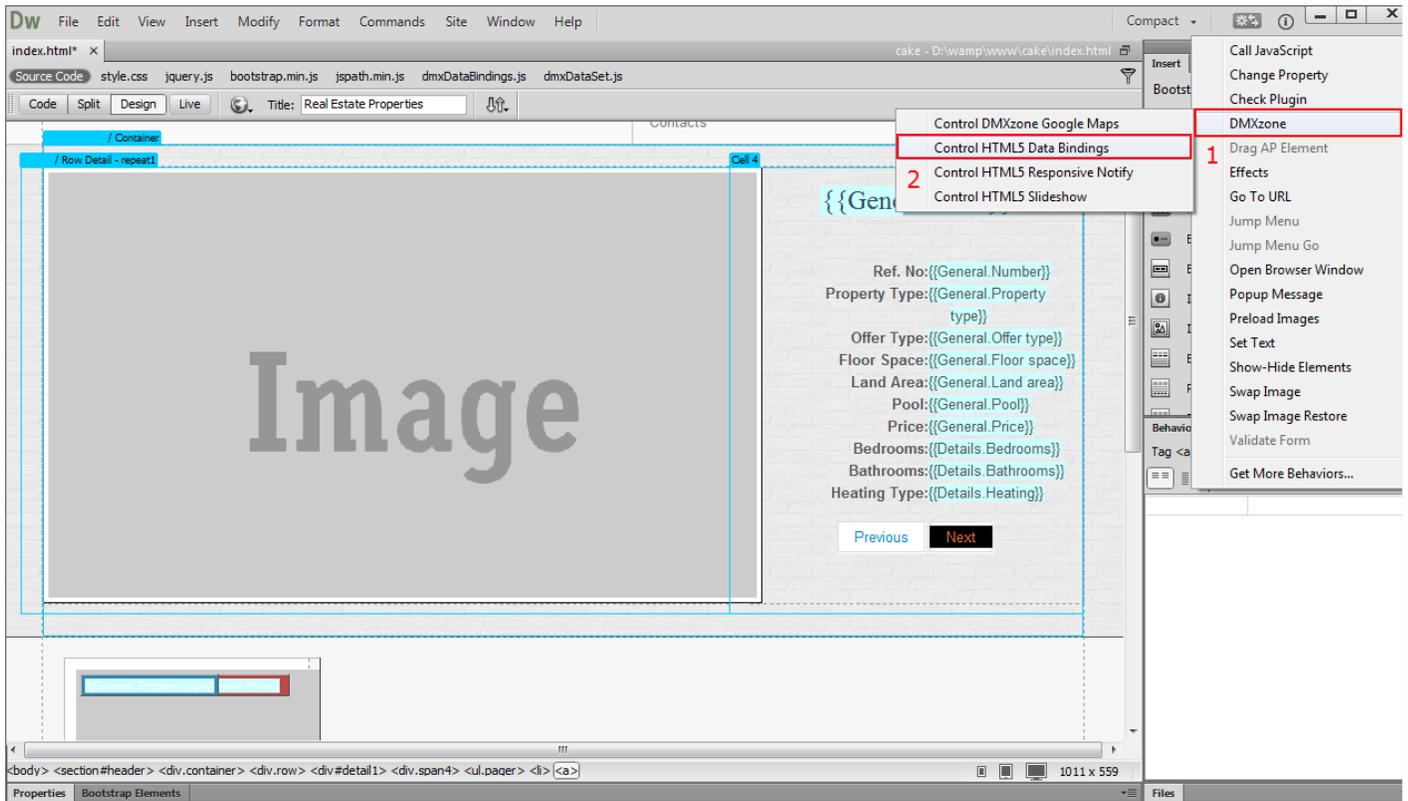
NOTE: You can use any Button or Text Links instead of Bootstrap Pager element



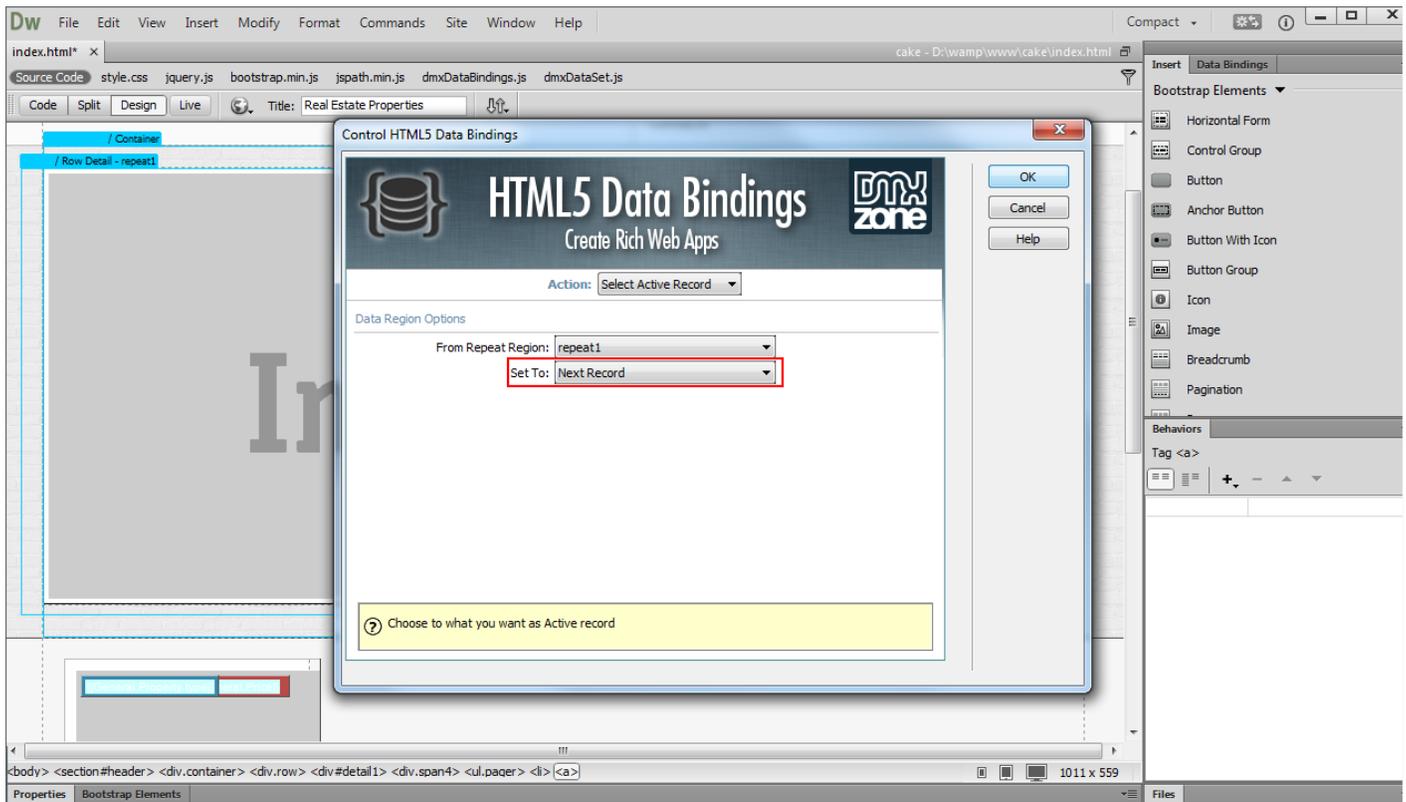
2. In the **data bindings tab (1)**, select the **next button (2)** and **click add behavior (3)**.



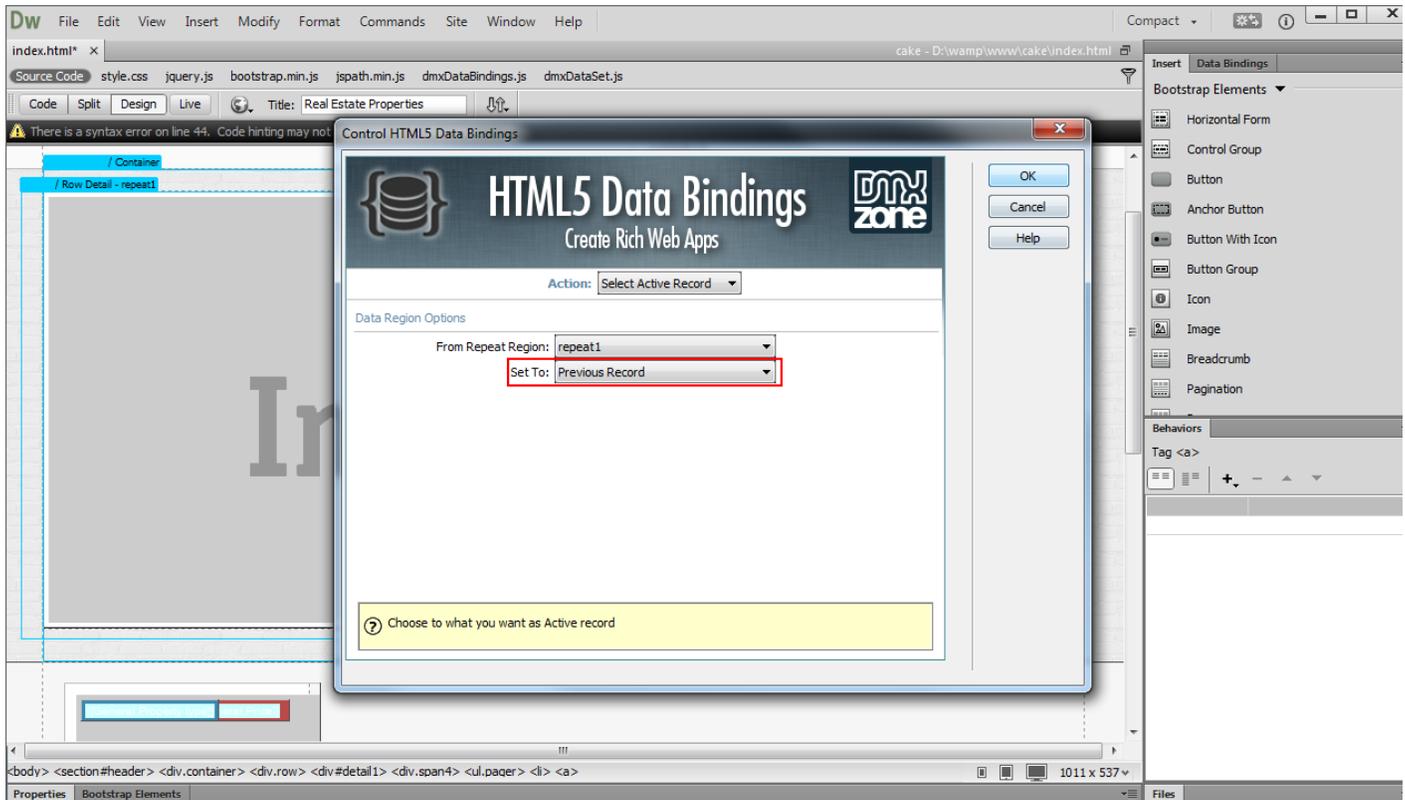
3. Select the **DMXzone menu item (1)** and **control HTML5 Data Bindings menu item (2)**.



4. In the control **HTML5 Data Bindings** window, choose **next record item** and click OK.



5. We do the same for the previous button but in the control HTML5 Data Bindings window we select the **previous record**.



- Click the Live View button in order to preview the results. That's how you can create custom navigation for the detail region.

The screenshot shows the Adobe Dreamweaver interface with a live preview of a real estate website. The website has a navigation menu with links for Home, Special Offers, For Rent, For Sale, Agents, and Contacts. The main content area displays a large image of a lake house with a pool and a patio. To the right of the image, the details for 'Adventures Lake House' are listed:

- Ref. No: REF1397
- Property Type: Lake house
- Offer Type: For Sale
- Floor Space: approx. 285 m²
- Land Area: approx. 2380 m²
- Pool: No
- Price: 1.190.000,- EUR
- Bedrooms: 8
- Bathrooms: 6
- Heating Type: Fire place

Below the main image, there is a row of four property cards: Beach house (890.000,- EUR), Country house (1.190.000,- EUR), Lake house (1.190.000,- EUR), and Mountain house (890.000,- EUR). The 'Live' button in the Dreamweaver toolbar is highlighted in red. The bottom status bar shows the current HTML structure: `<body> <section#header> <div.container> <div.row> <div#detail1>`.

Advanced: Showing a Preloader when Feed Data is Being Loaded

In this tutorial we will show you how to show a preloader when your [HTML5 Data Bindings](#) feed data is being loaded.

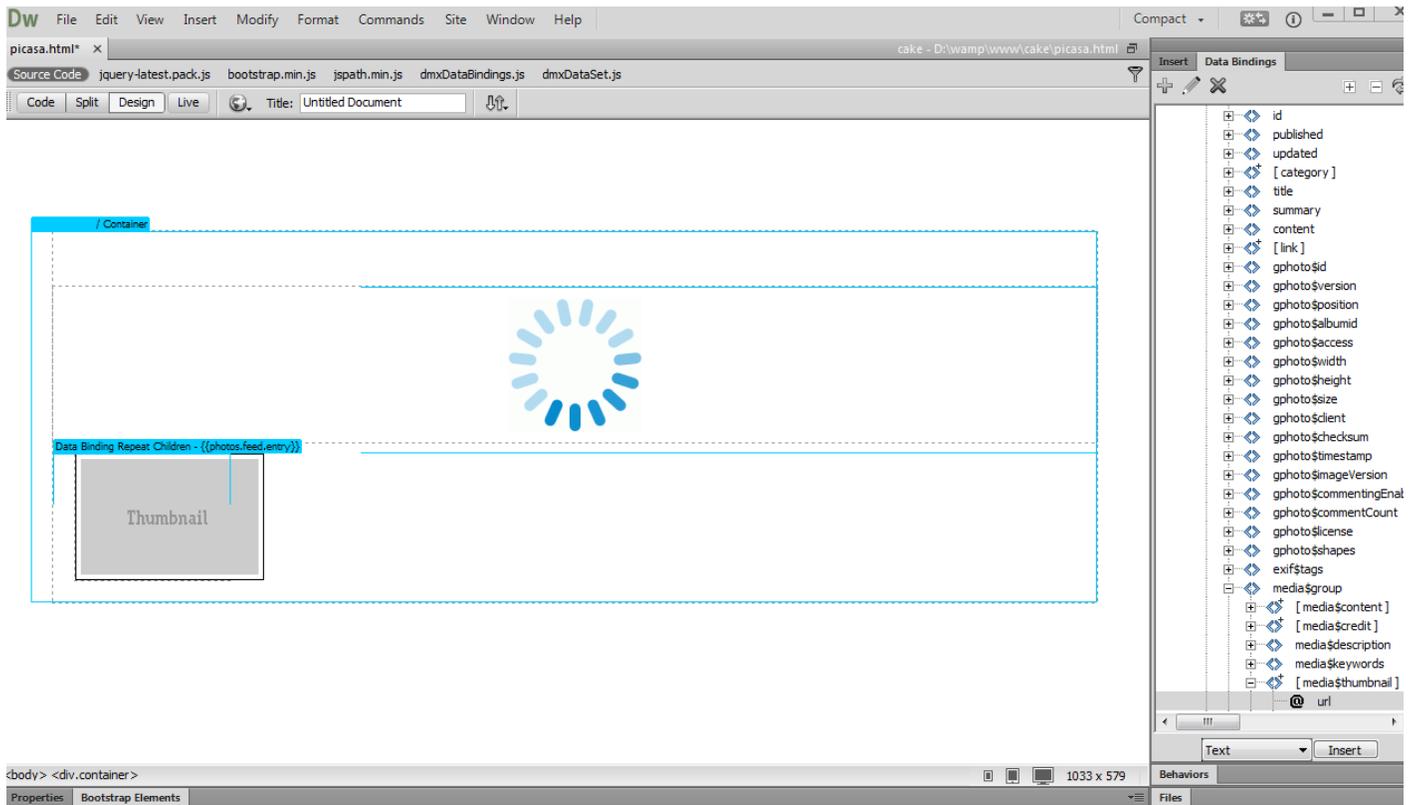
*You can also check out the [video](#).



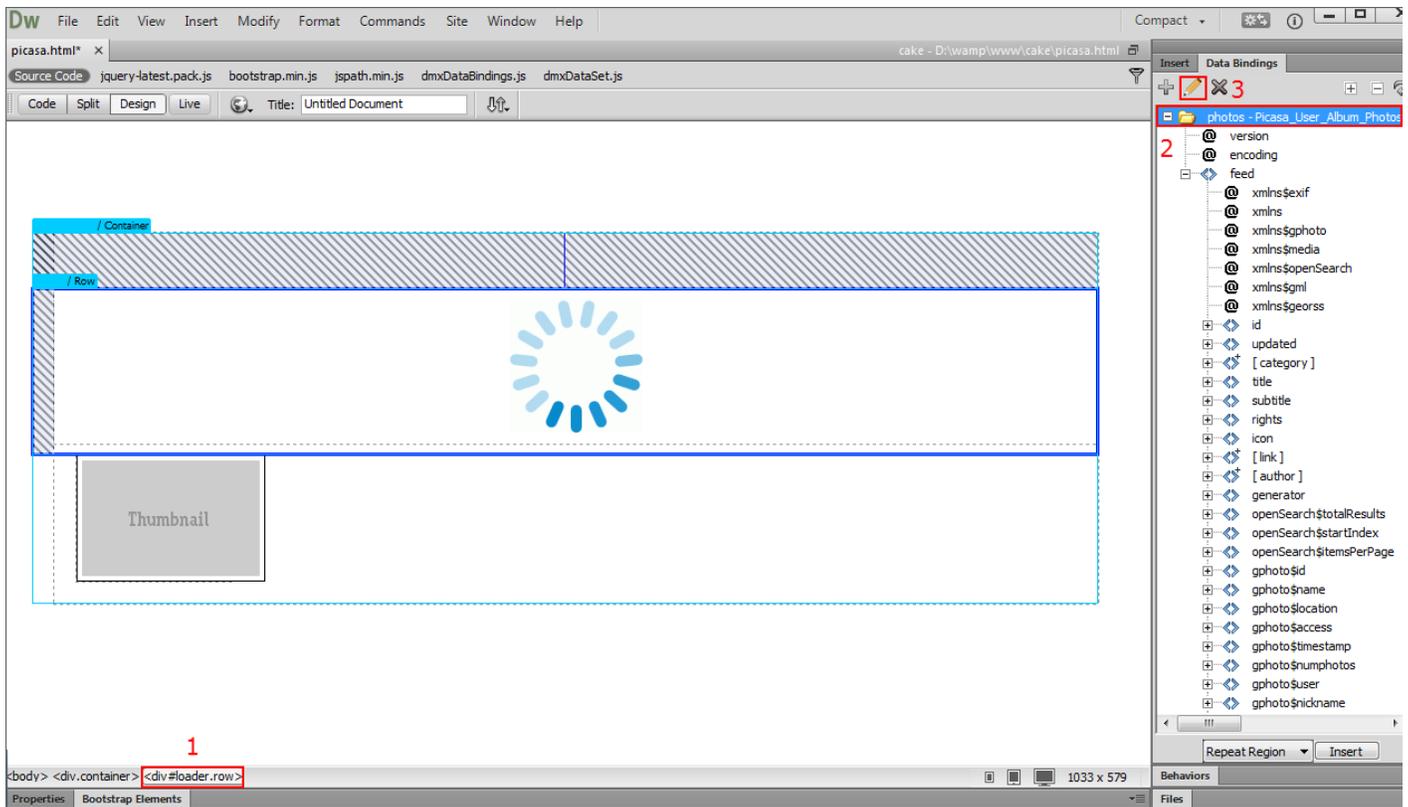
Loading Huge Feed...

How to do it

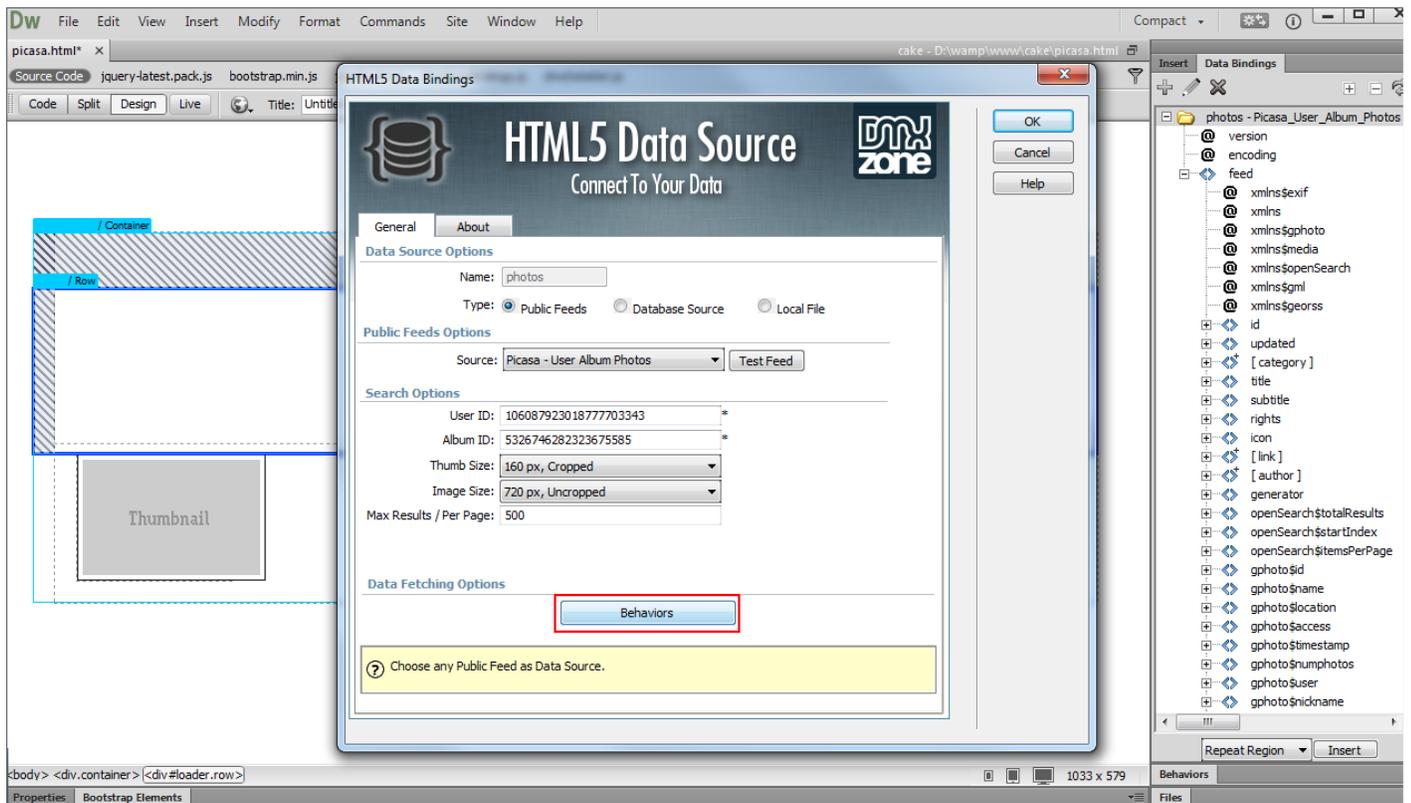
1. We created a repeat region on our page, where we load hundreds of photos from Picasa User Album. We also created a Div container with a preloader image inside, which we want to display to our users until the feed is fully loaded.



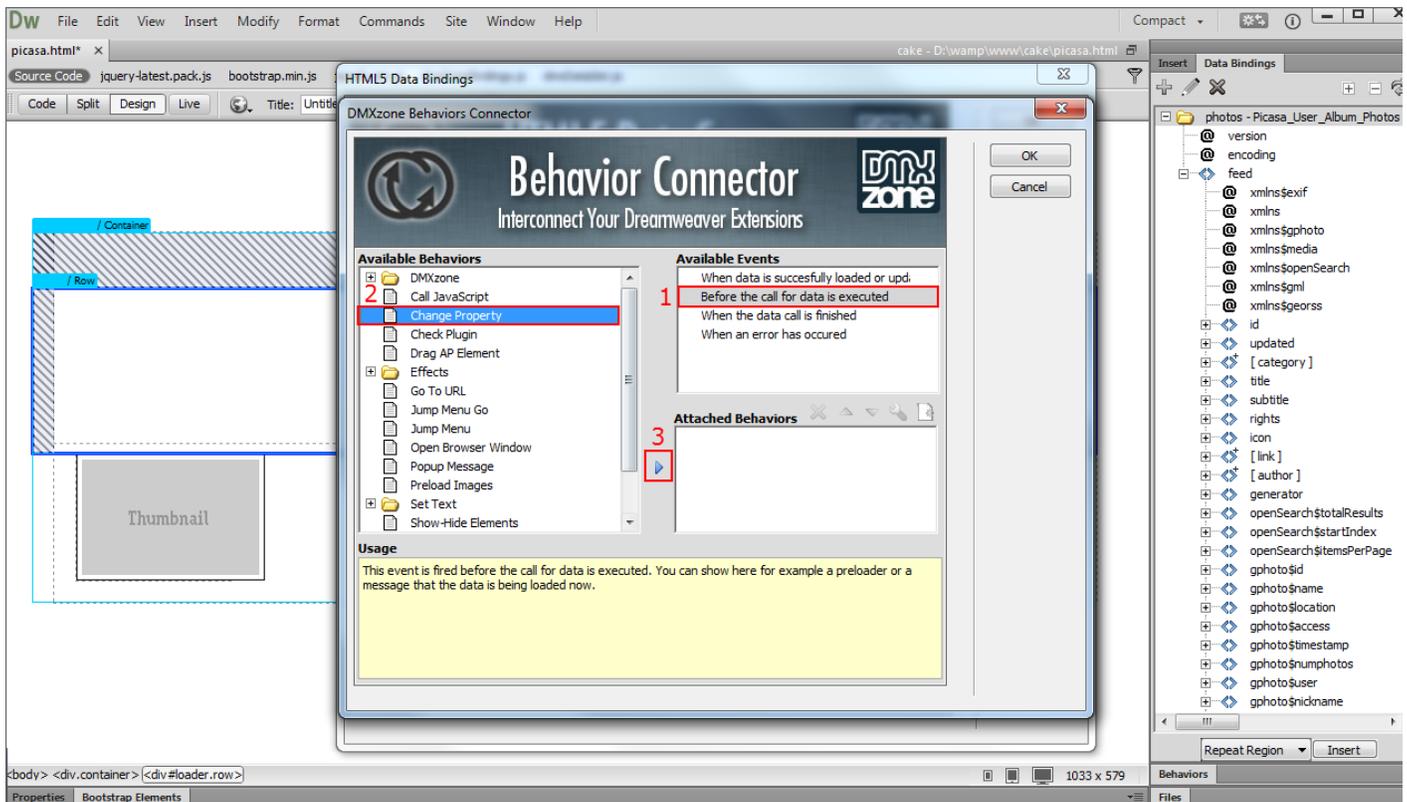
- Our preloader Div container has an **id #loader** (1). Select the **feed** (2) and click the **edit data source button** (3).



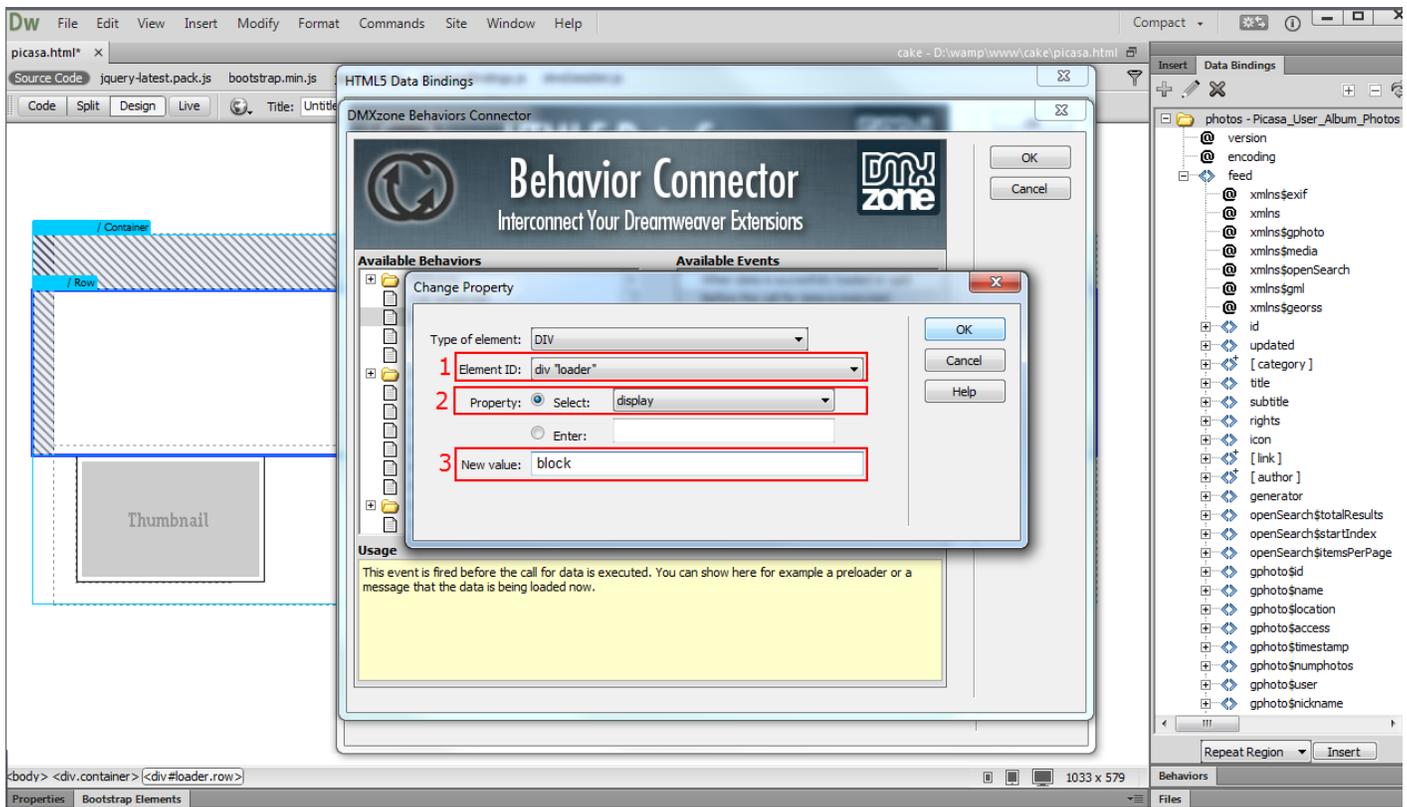
3. In the **HTML5 Data Bindings** window, click the **behaviors** button.



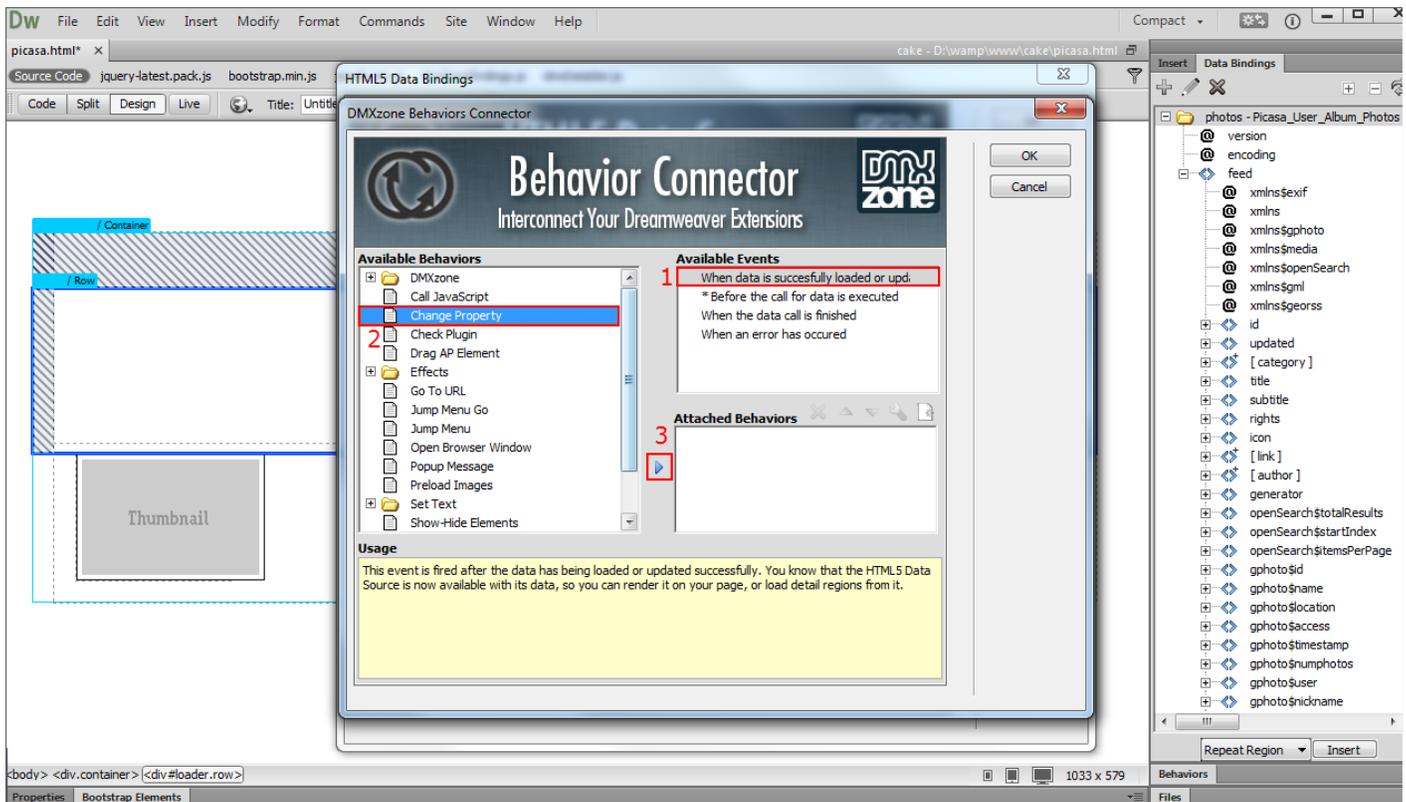
4. In the Behavior connector window, select **before the call for data is executed (1)**, select **change property (2)** and **add the selected behavior (3)**.



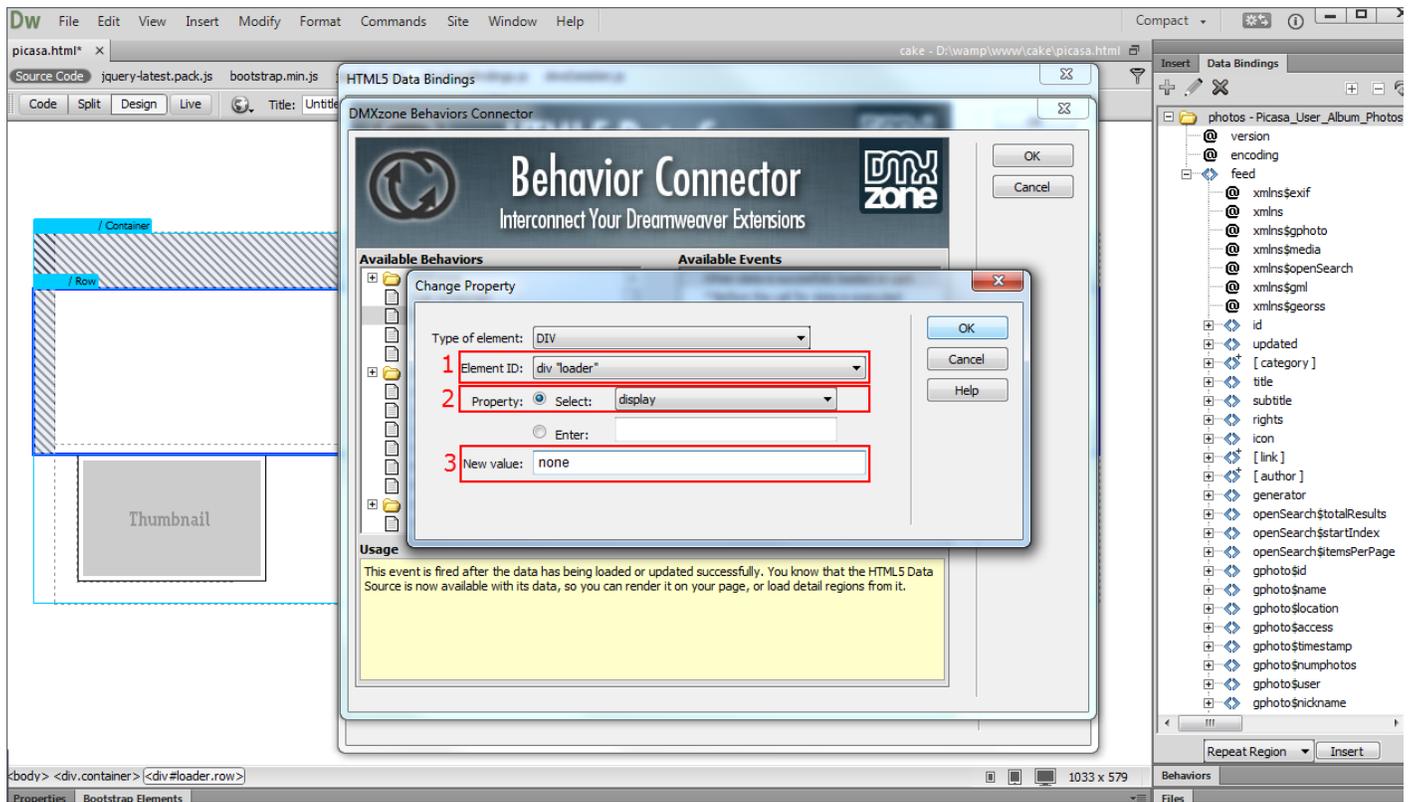
5. In the **change property** window, select the **preloader div (1)**, choose the **display** item (2) and enter **block** in the value field (3). When you're done, click OK.



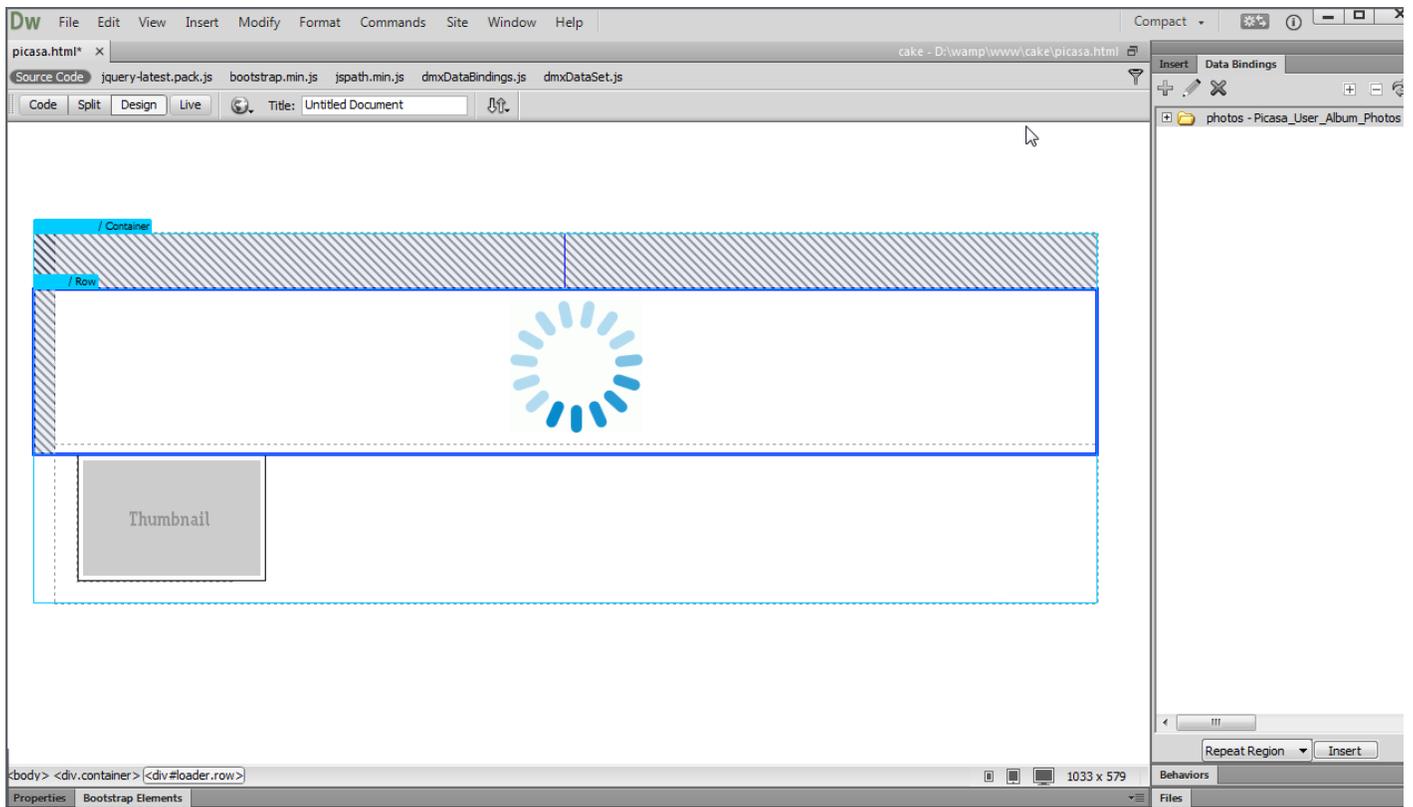
- Back in the Behavior connector, select **when data is successfully loaded** (1), choose **change property** (2) and add the **selected behavior** (3).



- In the **change property** window, select the **preloader div (1)**, choose the **display** item **(2)** and enter **none** in the value field **(3)**. When you're done, click OK.



- Now you can save your work and preview the results in your browser. That's how you can show a preloader when your **HTML5 Data Bindings** feed data is being loaded



Advanced: Using Nested Repeat Regions and Repeat Regions Inside Detail Regions

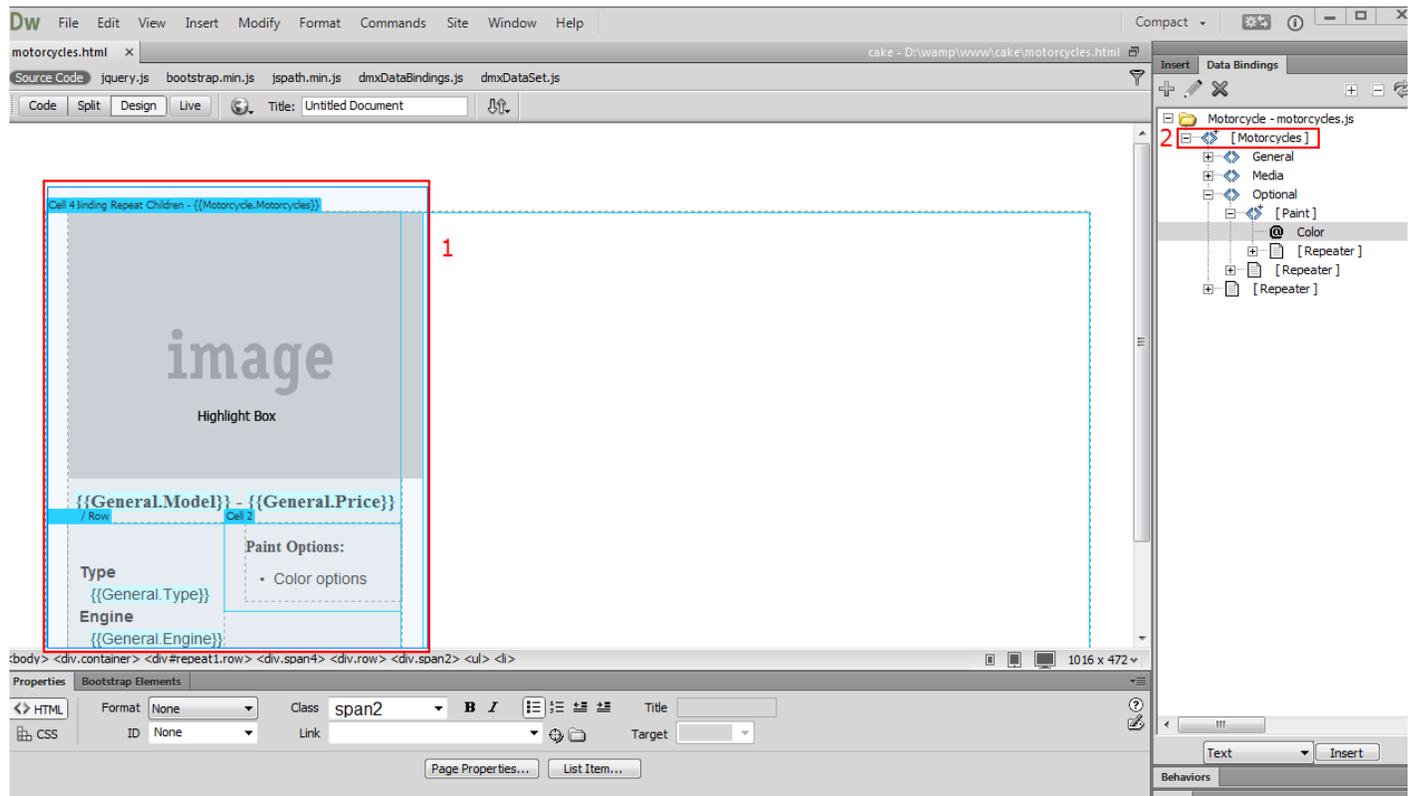
In this tutorial we will show you how to use nested Repeat Regions and Repeat Regions inside Detail Regions
*You can also check out the [video](#).

The screenshot shows the Adobe Dreamweaver interface with a live preview of a motorcycle catalog. The catalog displays three motorcycle models: Superlow, Iron 883, and 1200 Custom. Each model card includes an image, a title with price, and a list of specifications (Type, Engine, Fuel Economy) and paint options. The interface shows the 'Data Bindings' panel on the right, which is configured with nested repeat regions for the motorcycle data. The 'Properties' panel at the bottom shows the selected element is a `span2` class.

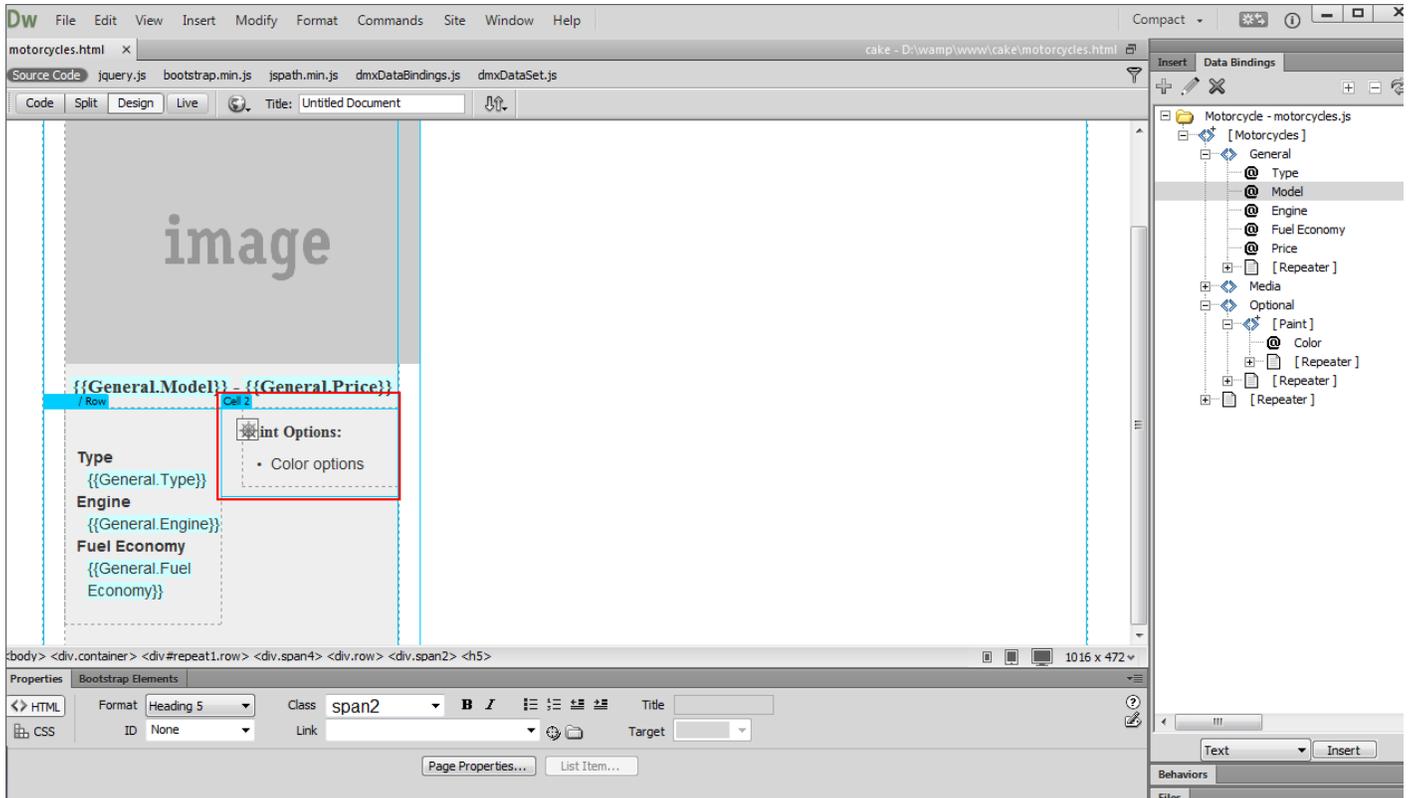
Model	Price (USD)	Type	Engine	Fuel Economy	Paint Options
Superlow	17.000,-	Sportster	883cc	4.5/100km	Orange, White Pearl, Black
Iron 883	15.000,-	Sportster	883cc	4.8/100km	Bronze, Red, Blue Pearl, Midnight Pearl, Brilliant Silver
1200 Custom	19.000,-	Sportster	1200cc	5.5/100km	Red, Blue Pearl

How to do it

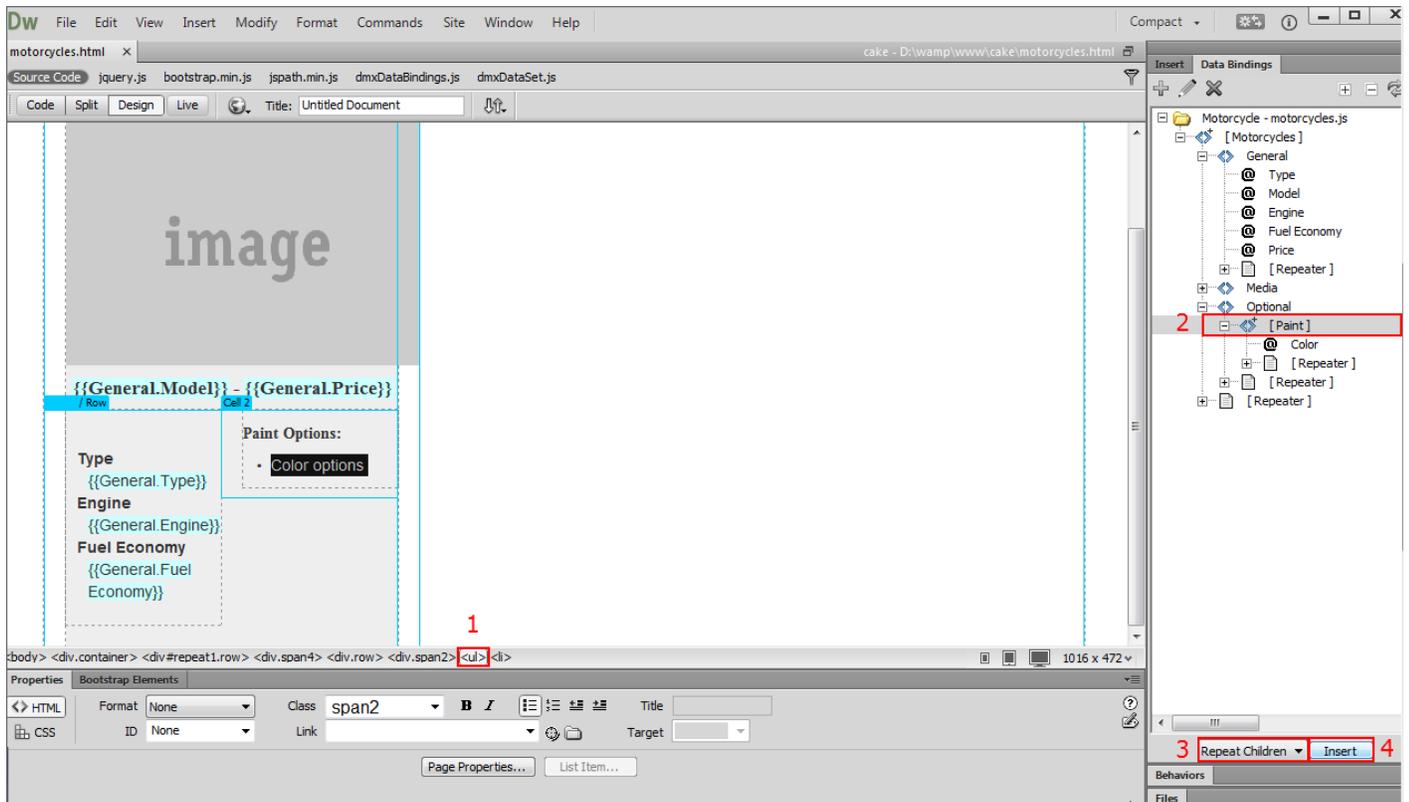
1. We have a **repeat region** on our page (1). It contains an image and text bindings that show general properties for each feed entry. In our **main repeating element** (2) there is a nested repeating element that contains different color values for each feed entry.



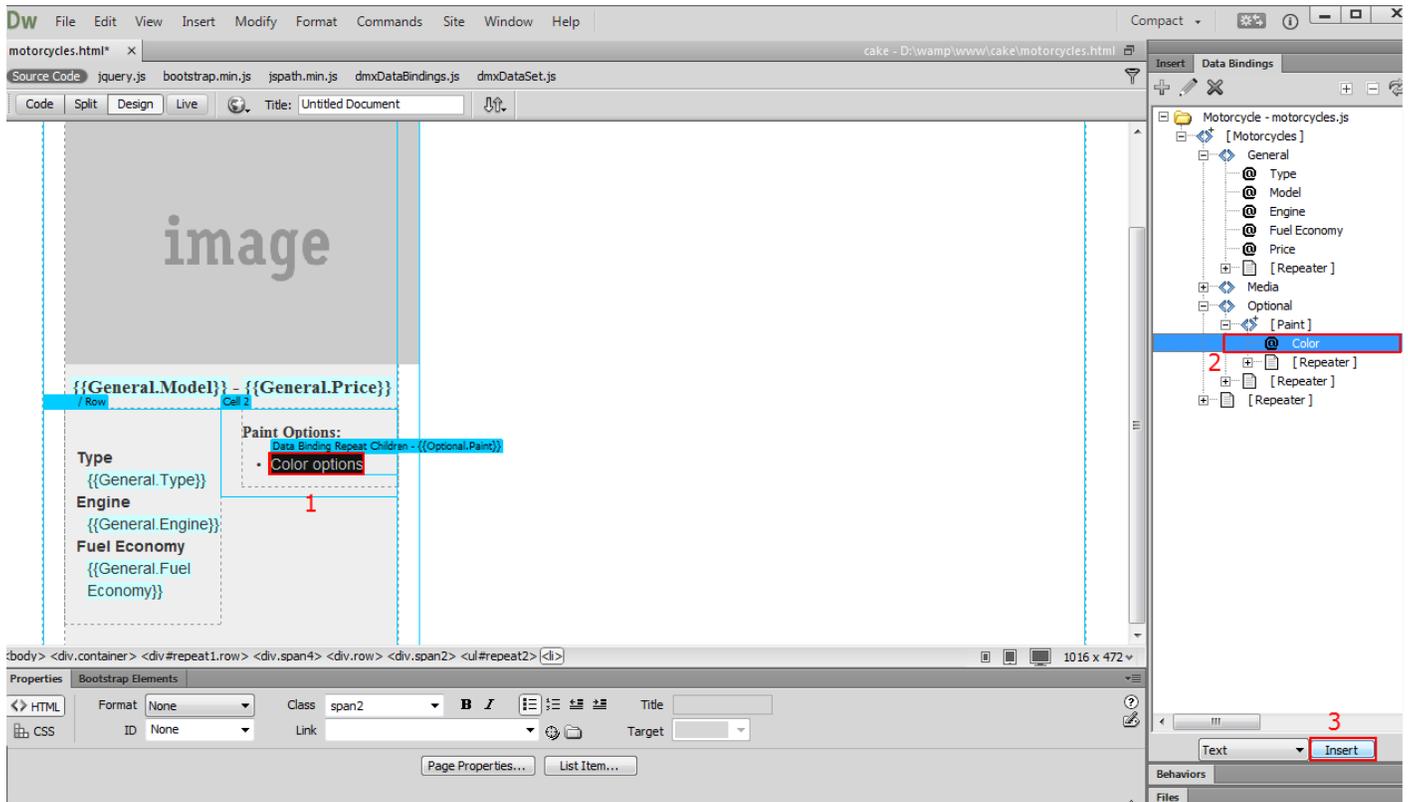
- In our tutorial the **optional elements** are the different colors available for each of the motorcycles listed on the page.



3. Select the **main list element ** (1), choose the **repeating element inside the main repeating element** (2), select **repeat children** (3) and **click insert** (4).



- Now we are going to bind the color attribute to the list element. Select the **dummy text (1)**, browse the **optional attribute** under the repeating region **(2)** and **click insert (3)**.



- Click Live View button in order to preview the results. You can see that the main properties are the same for each motorcycle: Image, Model, Price, Type, Engine and Fuel Economy. You can place repeat regions inside detail regions also, using the same technique.

The screenshot displays the Adobe Dreamweaver interface in 'Live' view. The main workspace shows a three-column grid of motorcycle listings. Each listing features a motorcycle image, a title with the price (e.g., 'Superlow - 17.000,- USD'), and a list of specifications including Type, Engine, Fuel Economy, and Paint Options. The right-hand side of the interface shows the 'Data Bindings' panel, which is used to connect the visual elements to data from a JavaScript file named 'motorcycles.js'. The tree view in this panel shows the document structure, with properties like 'Type', 'Model', 'Engine', 'Price', and 'Fuel Economy' being bound to data from the JavaScript array. The bottom of the screenshot shows the 'Properties' panel for a 'span2' element, indicating the current element being edited.

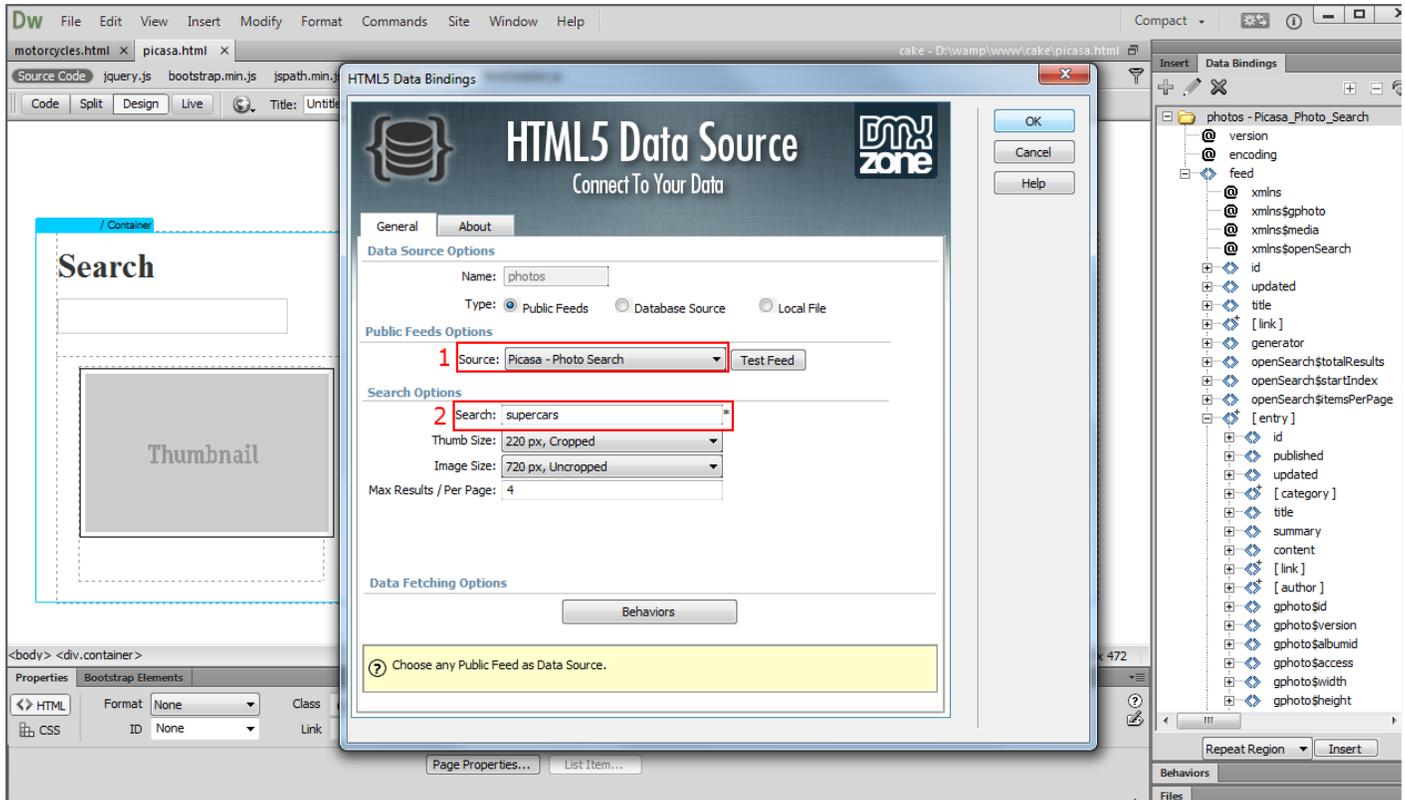
Advanced: Refreshing your HTML5 Data Source

In this tutorial we will show you how to refresh your HTML5 Data Source.
*You can also check out the [video](#).

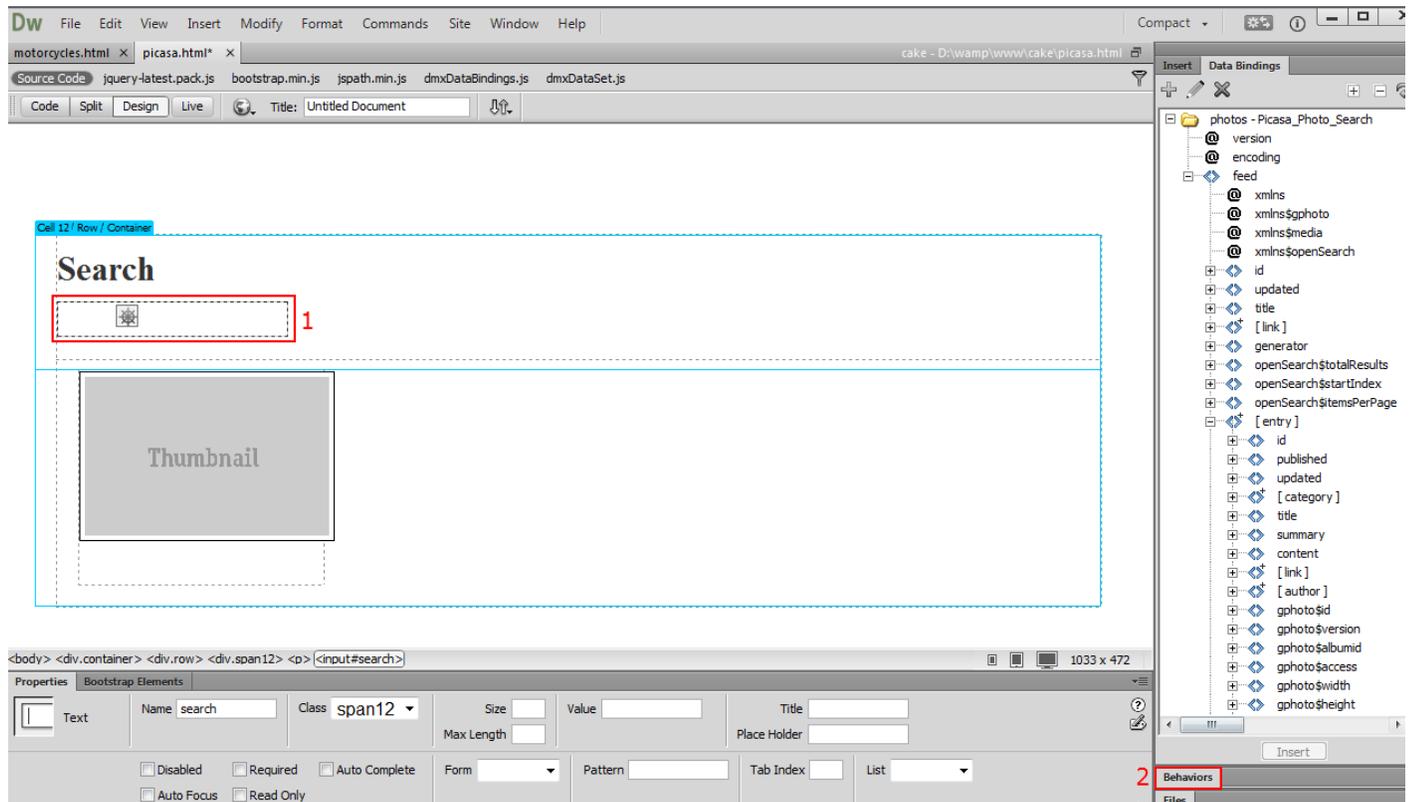
The screenshot shows the Adobe Dreamweaver interface with a live preview of a motorcycle catalog. The catalog displays three motorcycles: Superlow, Iron 883, and 1200 Custom. Each motorcycle listing includes an image, a title with price, and a list of specifications (Type, Engine, Fuel Economy) and paint options. The right-hand side of the interface shows the 'Data Bindings' panel with a tree view of the document structure, including elements like [Motorcycles], [Repeater], [Paint], and [Color]. The bottom of the interface shows the 'Properties' panel for the selected element, displaying HTML and CSS attributes.

Motorcycle Model	Price (USD)	Type	Engine	Fuel Economy	Paint Options
Superlow	17,000	Sportster	883cc	4.5l/100km	Orange, White Pearl, Black
Iron 883	15,000	Sportster	883cc	4.8l/100km	Bronze, Red, Blue Pearl, Midnight Pearl, Brilliant Silver
1200 Custom	19,000	Sportster	1200cc	5.5l/100km	Red, Blue Pearl

- In the **HTML5 Data Bindings** window, choose **Picasa – photo search feed (1)**, enter **supercars** as a search phrase **(2)**, and click OK.



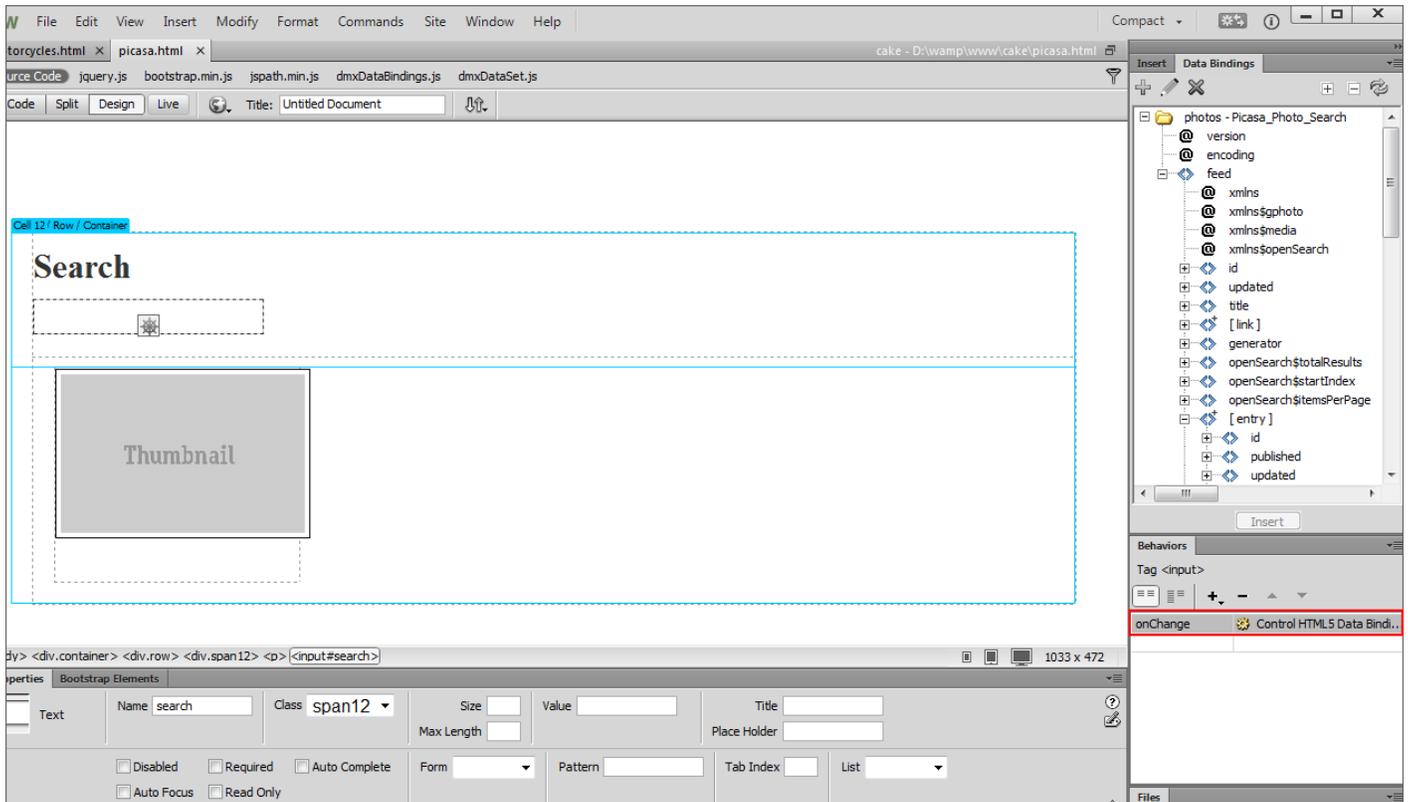
- We added a repeat region and binded the image URL attribute inside it, also we have a simple text field on our page. Select the **text field (1)**, go to the **behaviors tab (2)** and click add behavior button.



4. In the **control HTML5 Data Bindings window**, select the **refresh data action (1)**, enter **{this.value}** in the search field **(2)**, and click OK.

The screenshot displays the Adobe Dreamweaver interface with the 'Control HTML5 Data Bindings' dialog box open. The dialog box is titled 'Control HTML5 Data Bindings' and features the DMXzone logo. It has a 'Data Feed Options' section with 'Name' set to 'photos' and 'Feed Type' set to 'Picasa - Photo Search'. The 'Search Options' section has 'Search' set to '{this.value}'. A red box highlights the 'Action' dropdown set to 'Refresh Data' (labeled '1') and the 'Search' field (labeled '2'). A yellow tooltip at the bottom explains the search string: 'Full-text query string: Searches the title, caption and tags for the specified string value'. The background shows a web page with a search form and a thumbnail placeholder.

5. Make sure the behavior is executed **onChange**.



- Click Live View button in order to preview the results. That's how you can refresh your HTML5 Data Source.

The screenshot shows the Adobe Dreamweaver interface. The main workspace displays a live preview of a web page titled "Search". The page features a search input field containing the text "dog" and a search button. Below the input field, there are four thumbnail images of dogs: a pug, a golden retriever puppy, a brown puppy, and a black and white puppy. The right sidebar contains the "Data Bindings" panel, which shows an XML feed structure for "photos - Picasa_Photo_Search". The structure includes attributes like version, encoding, and feed, and elements like xmlns, id, updated, title, [link], generator, openSearch\$totalResults, openSearch\$startIndex, openSearch\$itemsPerPage, [entry], id, published, and updated. Below the Data Bindings panel is the "Behaviors" panel, which shows a behavior named "Control HTML5 Data Binding" triggered by the "onChange" event. The bottom of the interface shows the "Properties" panel for the selected search input field, with fields for Name (search), Class (span12), Size, Value, Title, Max Length, Place Holder, and various form options like Disabled, Required, Auto Complete, Auto Focus, and Read Only.

Video: Using HTML5 Data Bindings with Public Feeds



With this [movie](#) we will show you how to use [HTML5 Data Bindings](#) with Public Feeds.

Video: Using Repeat Children Region in HTML5 Data Bindings



With this [movie](#) we will show you how to show feed entries on your page using Repeat Children Region.

Video: Using Repeat Region in HTML5 Data Bindings



With this [movie](#) we will show you how to show feed entries on your page using Repeat Region.

Video: Using Detail Region in HTML5 Data Bindings



With this [movie](#) we will show you how to show detailed information about your feed entries using Detail Region.

Video: Setting Up the Initial Content of the Detail Regions



With this [movie](#) we will show you how to setup the Initial Content of the Detail Regions on your page.

Video: Creating Custom Navigation for the Detail Region



With this [movie](#) we will show you how to create custom navigation for the detail region.

Video: Showing a Preloader when Feed Data is Being Loaded



With this [movie](#) we will show you how to show a preloader when your [HTML5 Data Bindings](#) feed data is being loaded.

Video: Using Nested Repeat Regions and Repeat Regions Inside Detail Regions



With this [movie](#) will show you how to use nested Repeat Regions and Repeat Regions inside Detail Regions.

Video: Refreshing your HTML5 Data Source



With this [movie](#) will show you how to refresh your HTML5 Data Source.