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About Universal Data Exporter PHP

Ever wanted to convert your HTML table or recordset to the most common file formats with the press of a button? It's all possible with the DMXzone **Universal Data Exporter**. Now even images can be included in your exported PDF files!

Choose from Comma Separated (CSV), XML, Excel or PDF file formats and get a direct download! It's all done on the fly without the need for coding or server components!

Features in Detail

- **Export to Multiple Formats**
  Export your online tables to CSV, PDF, XLM or Excel with the press of a button.

- **Export any HTML Table**
  Convert your data from HTML tables to CSV, PDF, XLM or Excel and offer it for download.

  Original Table:

Record Number	First Name	Last Name	E-mail	Permissions index
1	Smit	White	smit@white.com	1
2	Adolf	west	adolf@west.com	0
3	Minas	Tirith	minas@tirith.ork	0
4	Legolas	Elder	legolas@elder.bow	1

Export to: CSV PDF Excel XML

  Output:

Record Number	First Name	Last Name	E-mail	Permission Index
1	Smit	White	smit@white.com	1
2	Adolf	West	adolf@west.com	0
3	Minas	Tirith	minas@tirith.ork	0
4	Legolas	Elder	legolas@elder.bow	1

- **Export your Recordsets**
  Display data from recordsets in CSV, PDF, XLM or Excel format and offer it for download.

  Recordset:

  Output:

Model	Engine Liters	Horse Power	Miles Per Gallon	Price
Porsche Boxter	2.7	245	20/29	$45,800
Nissan 3507	3.5	306	18/25	$28,510
Audi TT Coupe 2.0T	2.0	200	23/31	$34,800
BMW Z4 Coupe 3.0si	3.0	255	18/28	$40,700
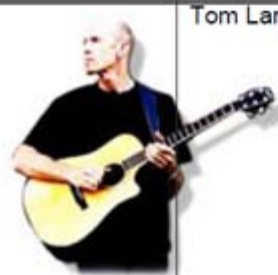
- **PDFs containing images** now can also be generated fully on the fly
  Original Table:

Output:

- **Advanced support for the Ajax DataGrid** - now the same header and column order is used for generating PDFs or other exported files.

Ajax DataGrid:

Exported Grid in PDF:

- **Support** for accent characters and special characters like Euro sign in PDF files

- **Now** you can specify different background colors for odd and even rows

Extension	Vendor	Extension's Page	Image
Ajax DataGrid	Dynamic Zones	Ajax DataGrid Home	
Universal Data Exporter PHP	Dynamic Zones	UDE PHP Home	
3D ImageFlow Gallery	Dynamic Zones	3D ImageFlow Gallery	
3D Photo Wall	Dynamic Zones	3D Photo Wall	
DMXzone Google Charts	Dynamic Zones	DMXzone Google Charts	

- **Advanced Dreamweaver Integration**
  Full Dreamweaver integration and preview and now improved Ajax DataGrid support.
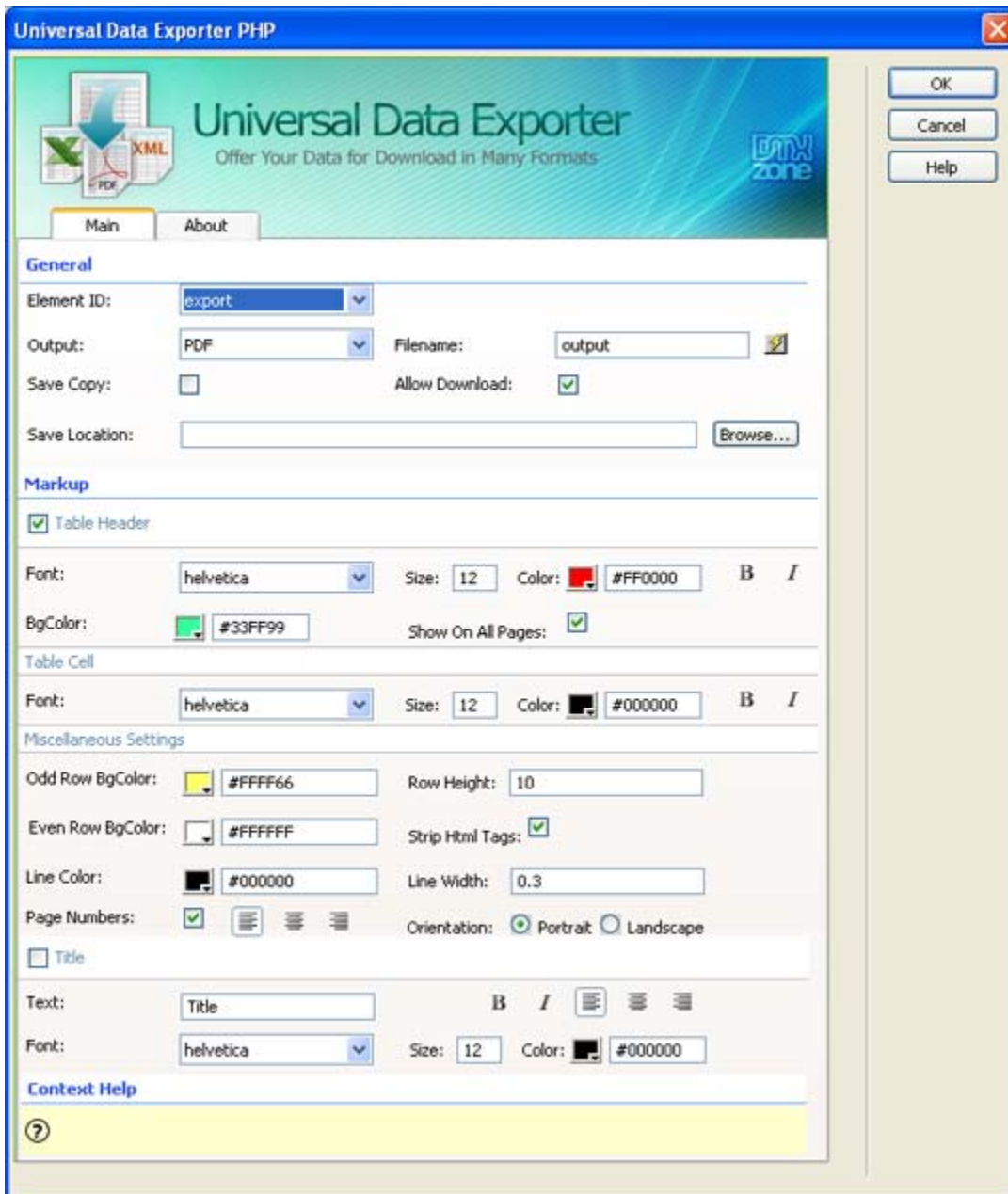
- **No Server Components Needed**
  You don't need to write any additional code or install server components.

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/ShowDetail.asp?NewsId=4671

Login, download the product, and look up your serial at
http://www.dmxzone.com/myZone.asp?Section=purchases

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 problems please read the FAQ at
http://www.dmxzone.com/index.asp?TypeId=7&CatId=687 before contacting support.

The Basics: Exporting an HTML table

Introduction

In this tutorial we will show you how to export your HTML table to multiple formats using the Universal Data Exporter PHP.

How to do it

1. **Define your site in Dreamweaver and Create a new page**
    Define your site in Dreamweaver and choose the option to create an PHP page, you can read more about this at this page.

    You should make a page that can be uploaded to your PHP server.

2. **Create your table**
    Create a table. From the Common toolbar, select the "create a table" icon and edit your preferences. In our case, our table will have 5 rows and 5 columns. As it's a data table we only include a table header but no cell padding or spacing as these are not supported.

    Select your table and give it a name in the property inspector.

3. Add Links for Exporting your table
    We make four basic links to export our table. Enter # in the link field. We enter give them the following

names: "Export to CSV", "Export to Excel", "Export to PDF", "Export to XML".

4. Using the Universal Data Exporter
   Select the links one by one and choose Behaviors -> DMXzone -> Universal Data Exporter

The Universal Data Exporter Interface appears.
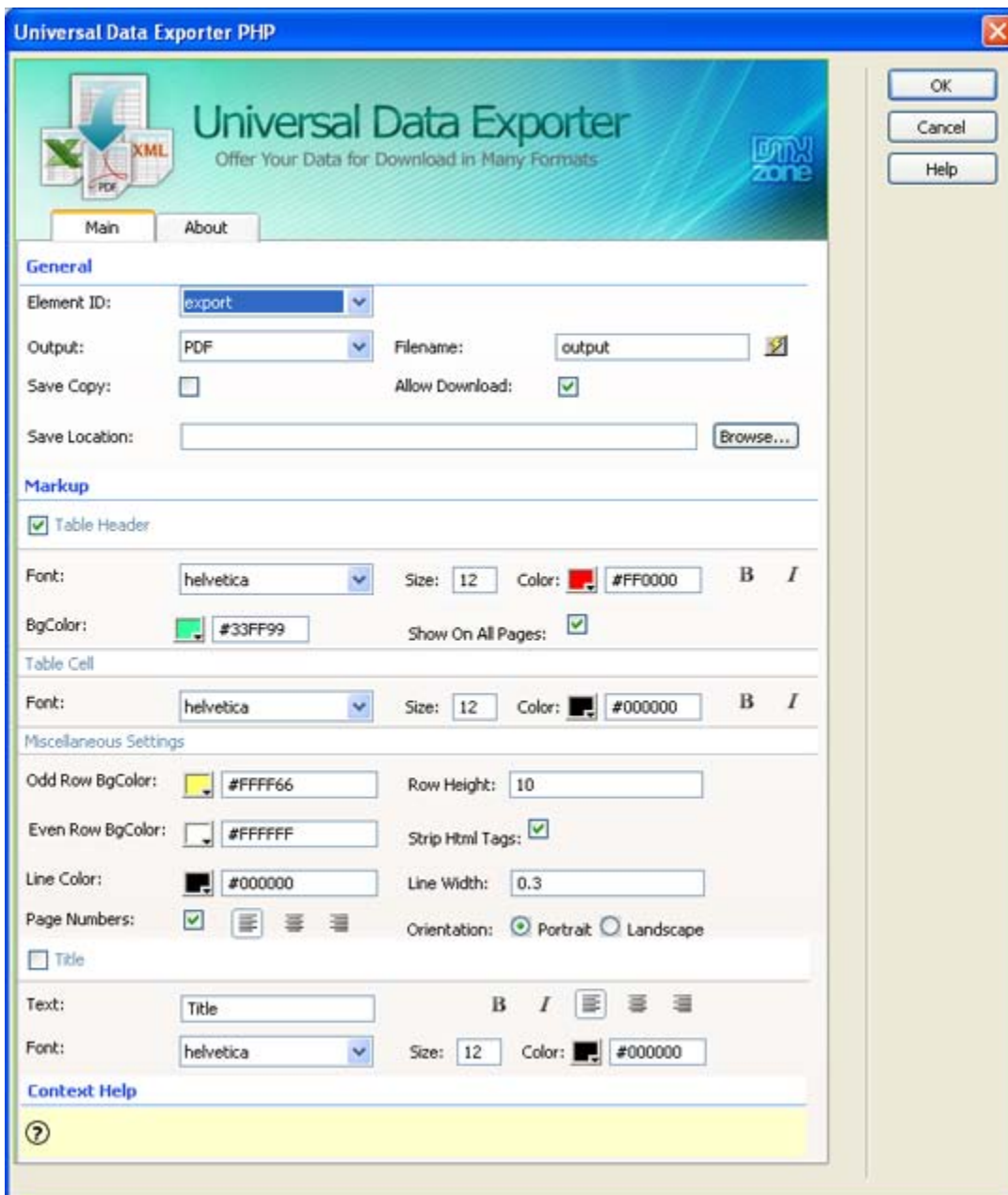
5. **Setting the General options**
   Select the **Element ID** drop down and choose the table name you've specified in step 2.

   If you are using an Ajax DataGrid instead of a regular table like we made above, now there is new support for Ajax DataGrid. The Universal Data Exporter recognizes the preferences you have edited in your Ajax DataGrid and lets you select the ID of your particular grid in **Element ID.**

Choose the format that you want to export to in the **Output** options.

Enter the name of the file that will be offered when your data is exported.
You can also press the lightning bolt and choose your file name according to a column in the recordset. For example, if you have a column in you recordset with the name of "photo" and you select it as your filename, when your file is exported, it will be named "photo". We choose "output".

Here, you also have an option to **Save Copy** to the server and/or to **Allow Download**. Another field, under those two, asks you for the **Save Location** and you have the ability to choose where to save your copy to. These are available for all **Output** formats.

6. **Markup for PDF**

If you've chosen PDF as the output format, you'll get the following markup options:

We check the **Table Header** checkbox to include the column names. We leave the **Font** at **Helvetica**, leave the **Size** to **12**, set the **Color** to white (**#FFFFFF**) and enable the Bold and Italic icons. We set the **BGColor** to blue (#0086be).

We leave the **Font** of the **Table Cell** at **Helvetica**, set the **Size** to **10**, leave the **Color** at black (#000000) and leave the **Bold** and **Italic** icons **disabled**. We also check the **Show On All Pages** option

to display the header on all pages.

Table Cell							
Font:	helvetica		Size:	12	Color: ■	#000000	**B** *I*

We set the **Odd Row BGColor** to light grey (**#CCCCCC**); this way each odd row is colored grey. We leave the **Row Height** at **10**; this value sets the height of each row. We leave the **Even Row** BgColor to white and the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any). We leave the **Line Color** to black (**#000000**); this sets the color of the lines around your cells. We set the **Line Width** to **0.3**; this is the thickness of the lines around your cells. We enable **Page Numbers** to display the numbers of the pages. Set the **Alignment** of the page numbers to right and the **Orientation** to Landscape to enable a layout that is suited for wide tables.

Miscellaneous Settings			
Odd Row BgColor: ☐	#CCCCCC	Row Height:	10
Even Row BgColor: ☐	#FFFFFF	Strip Html Tags: ☑	
Line Color: ■	#000000	Line Width:	0.3
Page Numbers: ☑ ▤ ▤ ▤		Orientation: ◉ Portrait ○ Landscape	

We enable the **Title** checkbox to give our PDF a name; we name our table "Car" in the **Text** entry field. We press the bold icon and align it to the centre. We leave the **Font** at **Helvetica** and set the **Size** to **16**, we leave the **Color** to black (**#000000**).

☐ Title						
Text:	Car	⚡	**B** *I* ▤ ▤ ▤			
Font:	helvetica		Size:	12	Color: ■	#000000

You can also press the lightning bolt by the **Text** entry field and choose your table name according to a column in the recordset. For example, if you have a column in you recordset with the name of "photo" and you select it, when your file is exported, your table name will be "photo".

The settings above result in the following output (after pressing ok, saving and previewing in the browser).

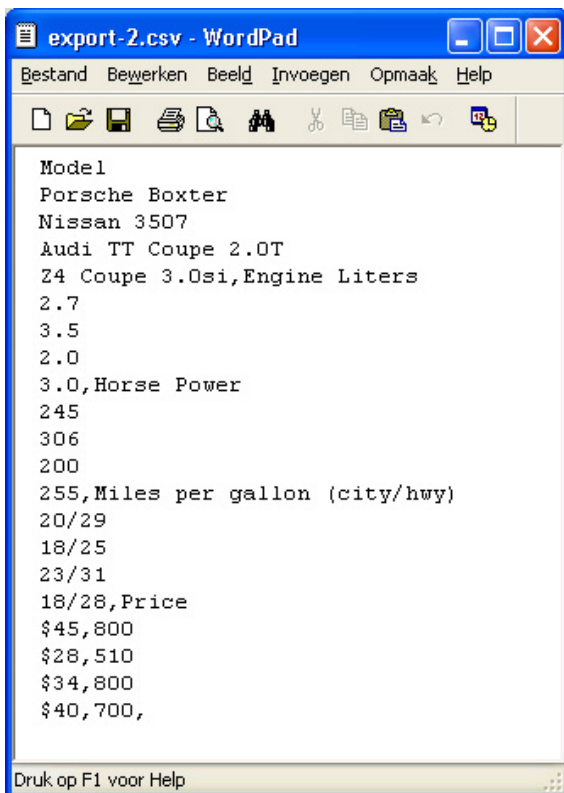| Model	Porsche Boxter	Nissan 3507	Audi TT Coupe 2.0T	Z4 Coupe 3.0si
Engine Liters	2.7	3.5	2.0	3.0
Horse Power	245	306	200	255
Miles per gallon (city/hwy)	20/29	18/25	23/31	18/28
Price	$45,800	$28,510	$34,800	$40,700

7. **Markup for CSV**

Each output format has its own markup options. If you've chosen **CSV** as the **Output** format you'll get the following markup options;

Line Separator defines which characters are used for a line break (an enter), we'll leave it to \n. **Value Separator** sets the way the values are separated. We won't change this either. We will enable the **Include Header** checkbox to include the column names. We leave the **Quote** field checked to enable quotes (for example: "Richard"). We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

Markup

Line Separator:	vbCRLF	Value Separator:	,
Include Header:	☐	Quote Fields:	☑
Strip Html Tags:	☑		

This results in the following output (after pressing ok, saving and previewing in the browser).

```
export-2.csv - WordPad
Bestand  Bewerken  Beeld  Invoegen  Opmaak  Help

Model
Porsche Boxter
Nissan 3507
Audi TT Coupe 2.0T
Z4 Coupe 3.0si,Engine Liters
2.7
3.5
2.0
3.0,Horse Power
245
306
200
255,Miles per gallon (city/hwy)
20/29
18/25
23/31
18/28,Price
$45,800
$28,510
$34,800
$40,700,

Druk op F1 voor Help
```

8. **Markup for Excel**
   If you've chosen **Excel** as the output format, you'll get the following markup options:

We check the **Table Header** checkbox to include the column names. We leave the **Font** at **Helvetica**, and the **Size** to **12**, set the **Color** to white (**#FFFFFF**) and enable the Bold and Italic icons. We set the **BGColor** to blue (#0086be). We also check the **Show On All Pages** option to display the header on all pages.

We leave the **Font** of the **Table Cell** at **Helvetica**, set the **Size** to **10**, leave the **Color** at black (#000000) and leave the **Bold** and **Italic** icons **disabled**.

We set the **Row BGColor** to light grey (**#DEDEDE**); this way each odd row is colored grey. We leave the **Row Height** at **10**; this value sets the height of each row. Tip: if your row heights are higher than the value set at **Row Height** then you need to increase the **Column width** for the columns that have been wrapped because they contain too much data. We leave the **Line Color** to black (**#000000**); this sets the color of the lines around your cells. We set the **Line Width** to **0.3**; this is the thickness of the lines around your cells. We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

The settings above result in the following output (after pressing ok, saving and previewing in the browser).

9. **Markup for XML**
   If you've chosen XML as the output format you'll get the following markup options:

We leave the **Root name** to **xml** and the **Row name** to **row** to apply the default xml formatting. We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

This results in the following output (after pressing ok, saving and previewing in the browser, opening the file in Dreamweaver and using Commands -> Apply Source Formatting).

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xml>
  <row>
    <Model>
      <![CDATA[Engine Liters]]>
    </Model>
    <Porsche_Boxter>
      <![CDATA[2.7]]>
    </Porsche_Boxter>
    <Nissan_3507>
      <![CDATA[3.5]]>
    </Nissan_3507>
    <Audi_TT_Coupe_2.0T>
      <![CDATA[2.0]]>
    </Audi_TT_Coupe_2.0T>
```

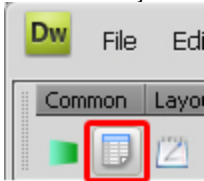# Advanced: Exporting an Ajax DataGrid to PDF

Introduction

In this tutorial we will show you how to export the contents of your Ajax DataGrid to PDF by using the Universal Data Exporter PHP Behavior.

How to do it

Create a new PHP page.

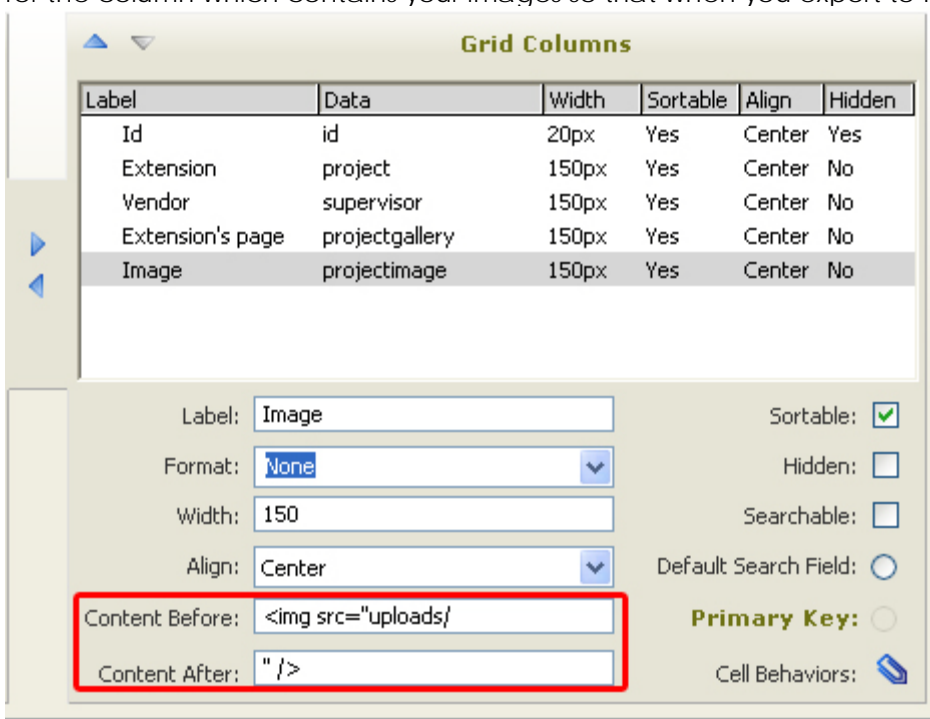1. Insert an Ajax DataGrid from your DMXzone Tab in Dreamweaver and edit its settings.

To see how to set up your Ajax DataGrid, <u>watch our online tutorial</u>

In the Content Tab of the Ajax DataGrid editor, make sure you enter the path of your images, in our case we write in
Content Before: <img src="uploads/
and in
Content After: " />
for the column which contains your images so that when you export to PDF they will be visible.

2. Create web elements, such as dummy links or images that you will use as buttons that trigger the export process.
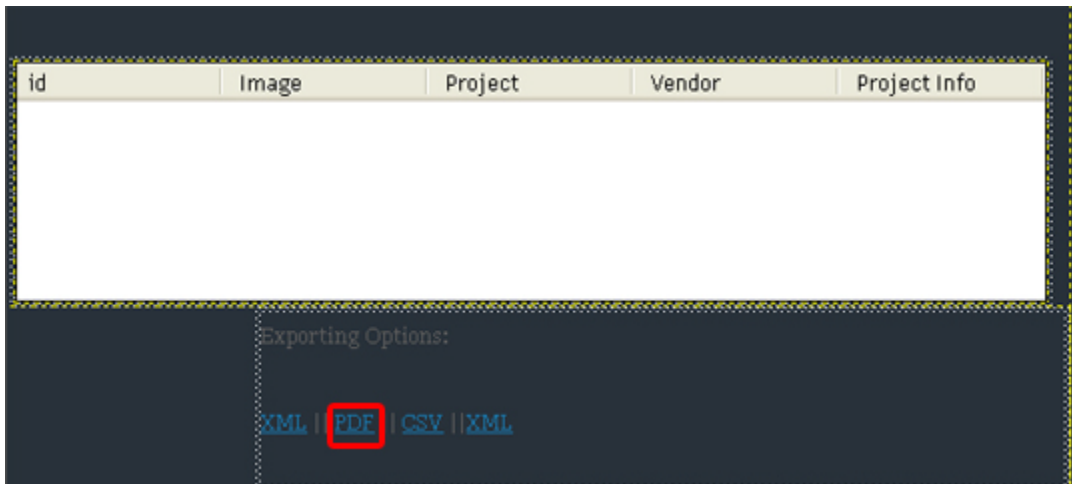
3. Select the element you would like to use and find the Universal Data Exporter PHP Behavior under the Behaviors tab
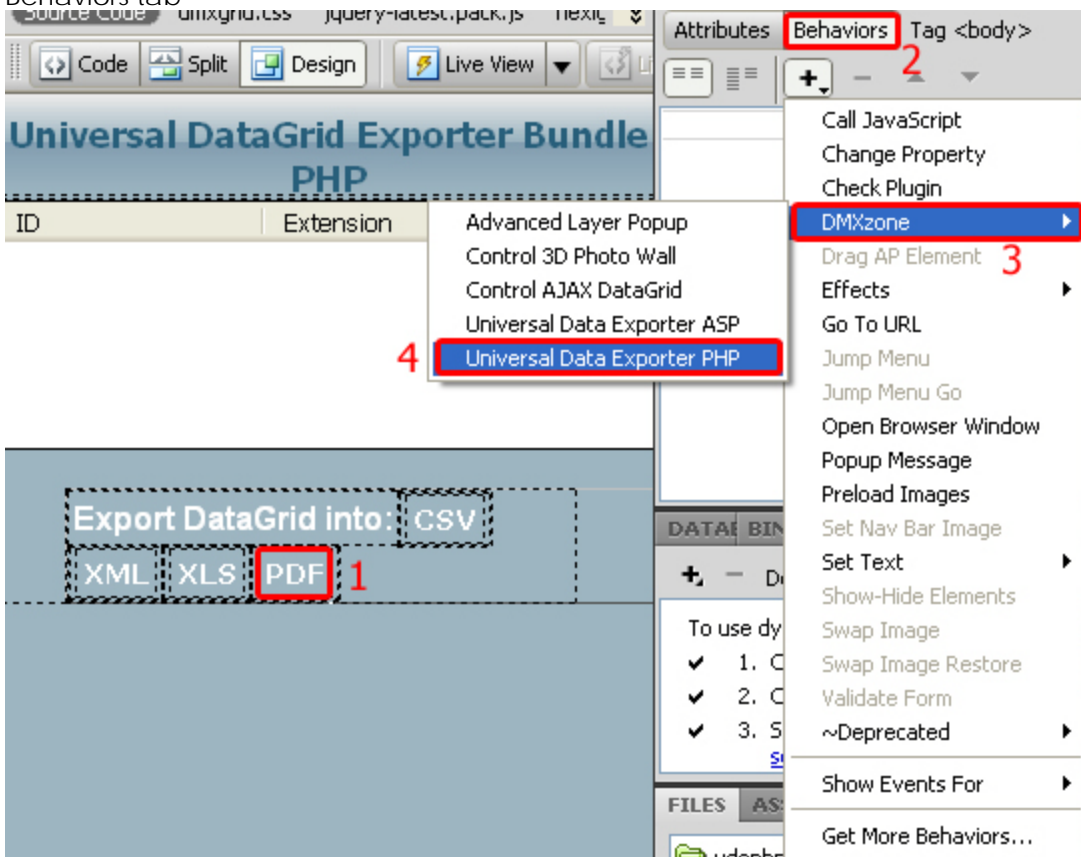
Note: Server Behaviors generate server code (ASP/PHP) and are executed on the server side, while Regular Behaviors are just JavaScript functions executed on the client side.

4. A new popup with the Universal Data Exporter PHP behavior interface appears:
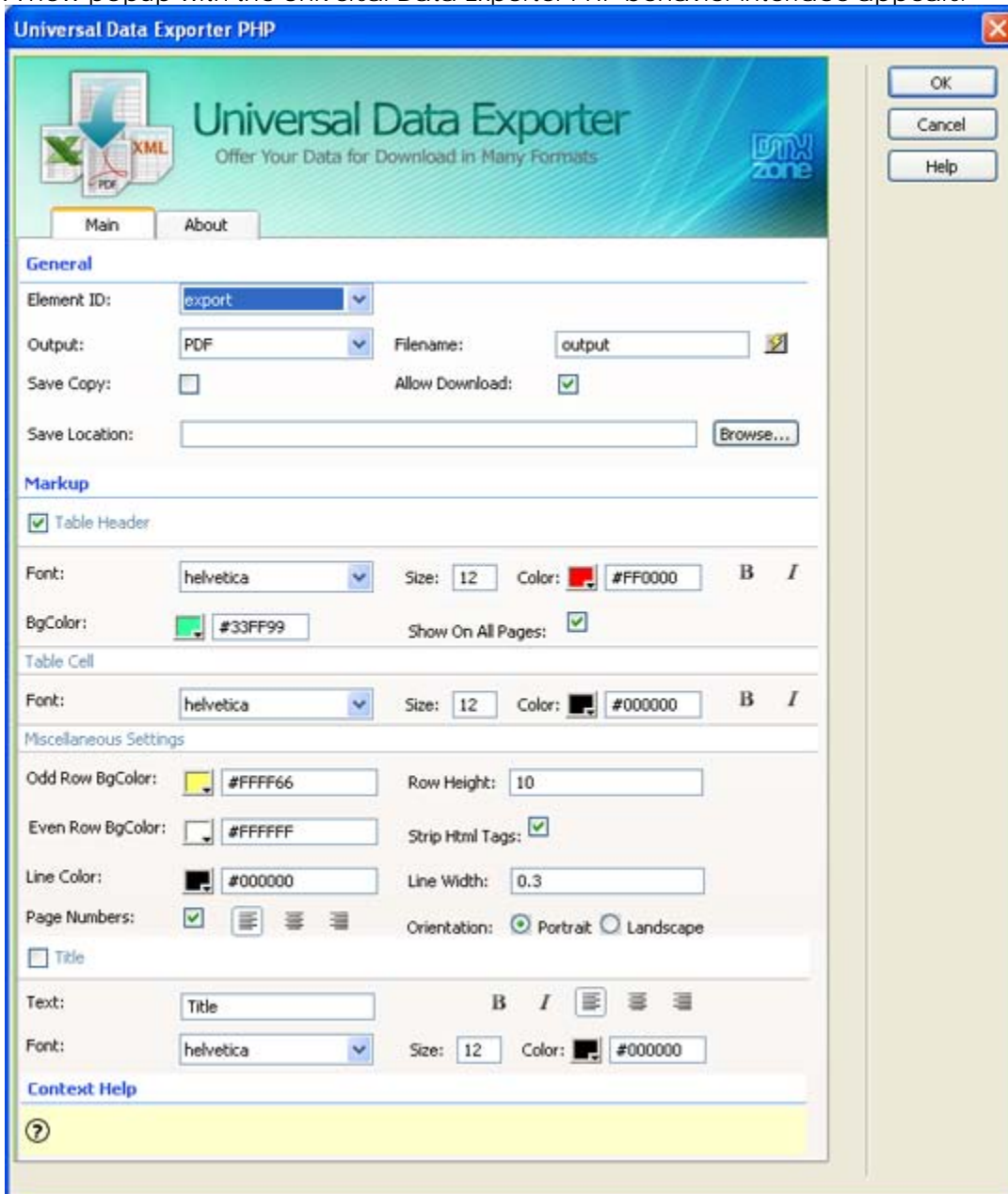
5. Select the Element ID of your Ajax DataGrid under the **General** settings in the **Main** tab.
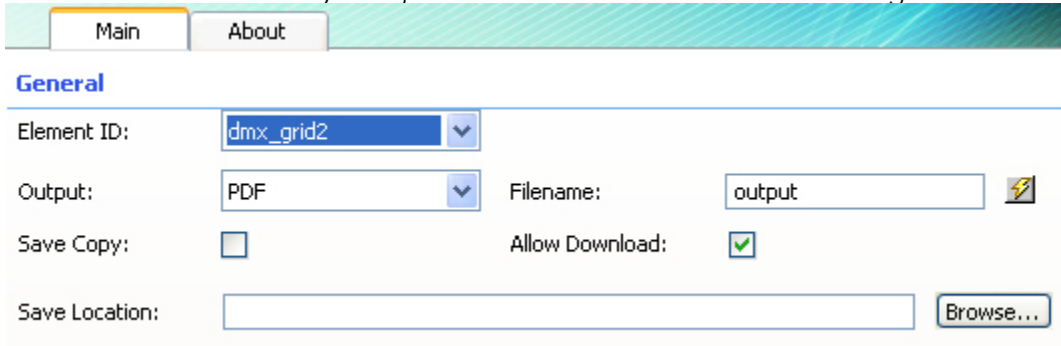
Then select the output type which in our case will be PDF

6. Next, take a look at the specific **Markup** options for the PDF output format. Many options are available here like setting the Font type, color, and size of the table header and the cells, changing the background color of your rows and header, setting your row height and more.

We will change the background color of the Table Header.

Then we will change the Background color of the odd rows under **Miscellaneous Settings**:

And also edit our **Even Row BgColor**

If there are a lot of records in your Ajax DataGrid, you can use page numbers:

You can also add a table title and define its font type, color, size, and text alignment:

7. Click OK to save your settings!

8. You can set the event which will trigger the behavior – all standard behaviors are available such as onClick, onFocus, etc. We choose onClick for this tutorial.

9. Save your work and test the result in your browser.
   It should look like this:

When you click on the PDF link at the bottom, a download window should pop up:

Your exported PDF Grid will look like this:

Advanced: Exporting a Recordset

Introduction

In this tutorial we will show you how to export your recordset to multiple formats using the Universal Data Exporter PHP.

How to do it

1. **Create a Recordset**
   Create a new page and go to **Server Behaviors** and choose **Recordset (Query)** from the + icon.

2. **Setting the Recordset options**
   You should already have an existing connection to choose from. Next, choose your table and which columns you want to include. We advise you to use an empty page with just the recordset and the server behaviour as other data won't be exported. You can link to this page to get your recordset as a download.
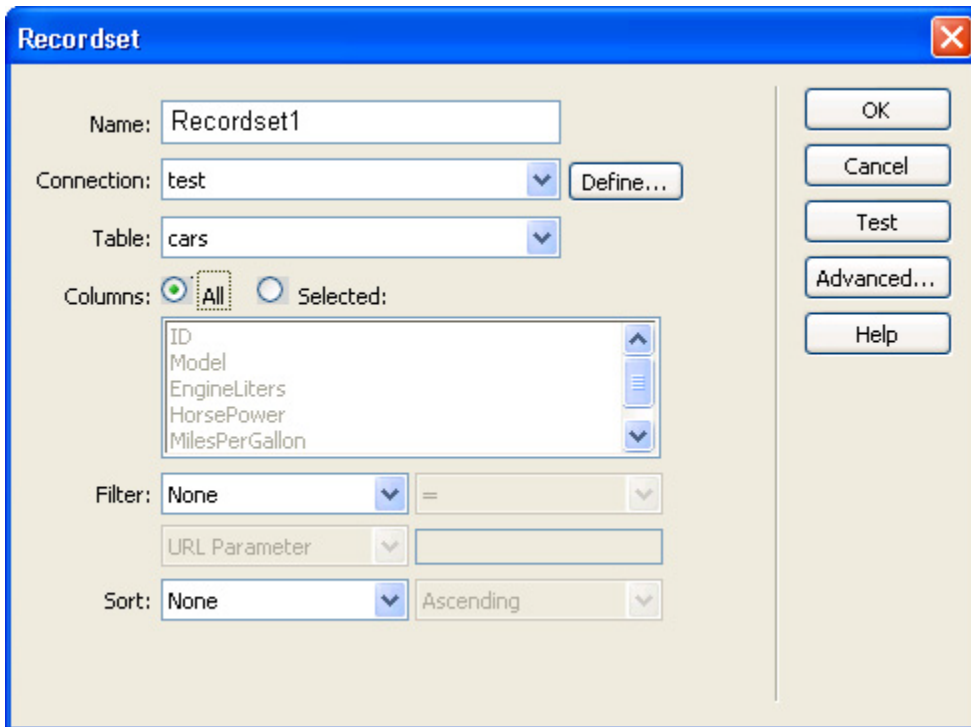
3. **Applying the Universal Data Exporter**
   Press the + in the Server Behaviors tab and select **DMXzone -> Universal Data Exporter**.
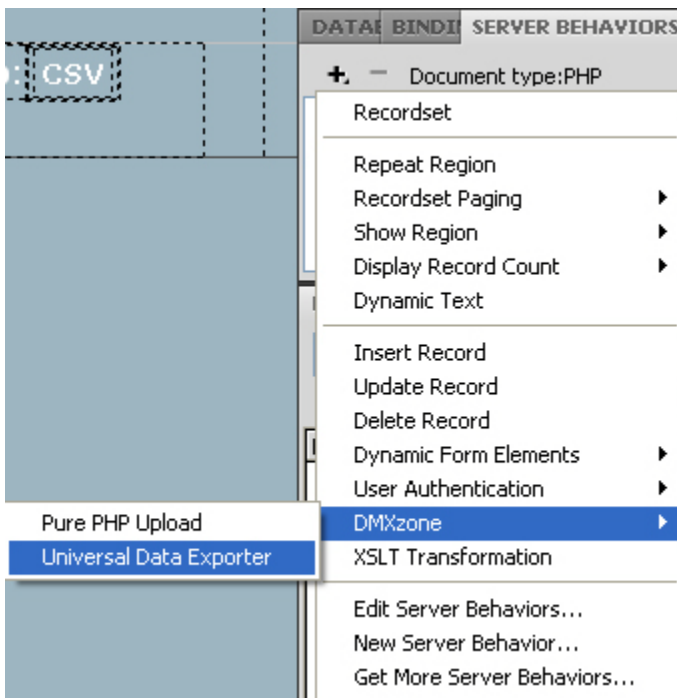
The Universal Data Exporter interface appears.
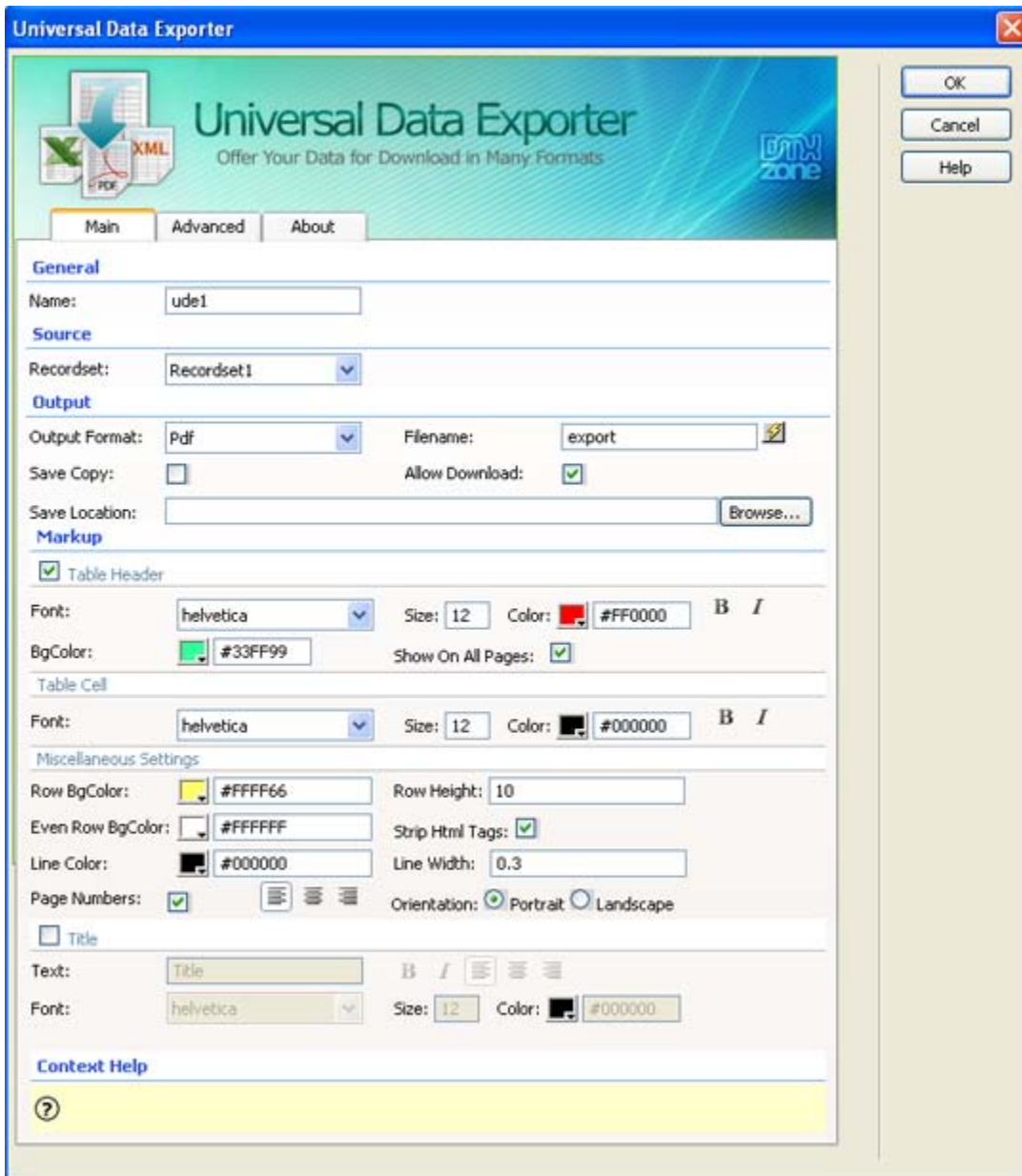
Leave the default **Name** that is used to identify the behavior.

Select the Recordset you want to use as your source.

Output

Output Format:	Excel	Filename:	export
Save Copy:	☐	Allow Download:	☑
Save Location:			Browse...

Choose the Output format and file name. Enter the filename in the entry field **or** create a dynamic filename by pressing the 🗲 icon. If you select 🗲 icon, a new popup will appear. Select **Data Sources** and choose the field you want to link to.
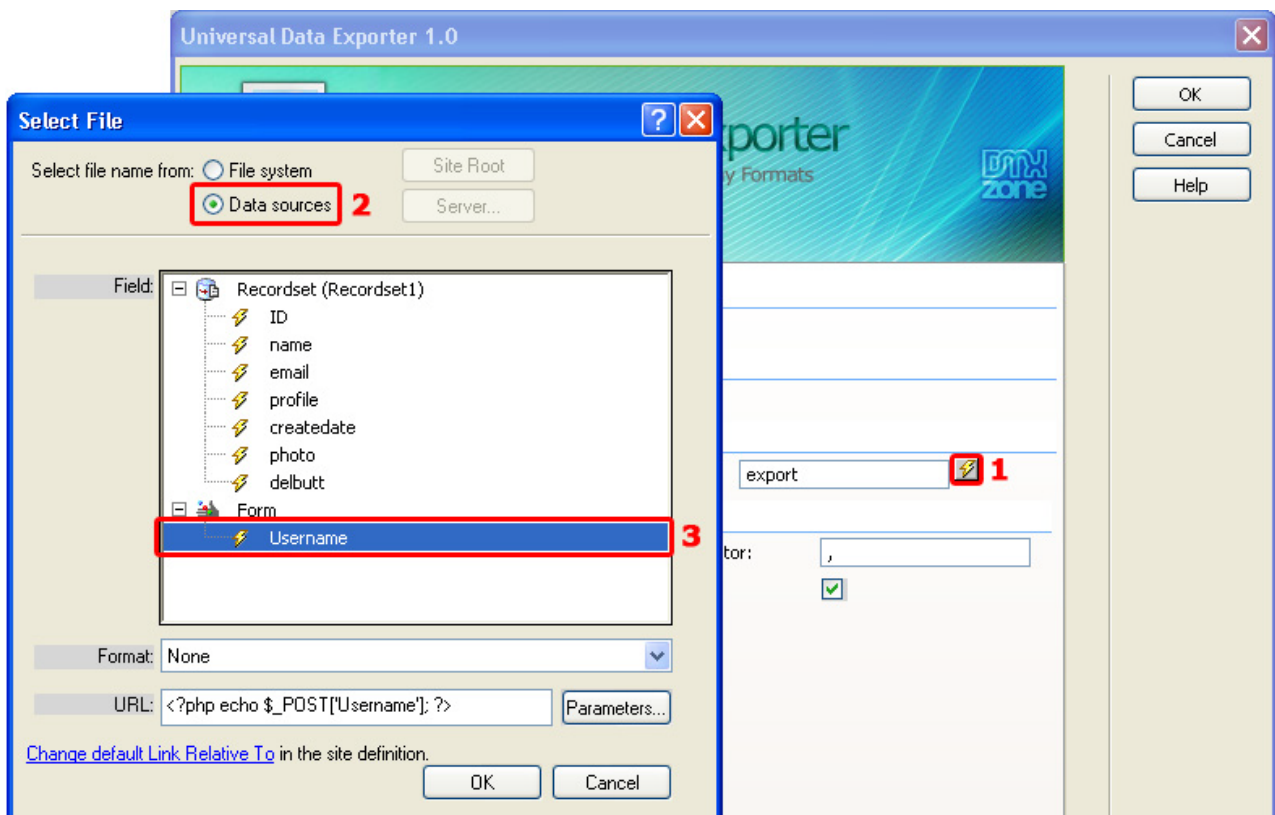
Universal Data Exporter 1.0

Select File

Select file name from: ○ File system   Site Root
                        ● Data sources **2**   Server...

Field: □ 🗁 Recordset (Recordset1)
          🗲 ID
          🗲 name
          🗲 email
          🗲 profile
          🗲 createdate
          🗲 photo
          🗲 delbutt
       □ 🗁 Form
          🗲 Username **3**

Format: None

URL: `<?php echo $_POST['Username']; ?>`   Parameters...

Change default Link Relative To in the site definition.
                                    OK   Cancel

export **1**

You also have an option to **Save Copy** to the server and/or to **Allow Download**. Another field, under those two, asks you for the **Save Location** and you have the ability to choose where to save your copy to.

4. **Markup for CSV**
   Each output format has its own markup options. If you've chosen **CSV** as the **Output** format you'll get the following markup options;

Markup

Line Separator:	vbCRLF	Value Separator:	,
Include Header:	☐	Quote Fields:	☑
Strip Html Tags:	☑		

Line Separator defines which characters are used for a line break (an enter), we'll leave it to \n.

Value Separator sets the way the values are separated. We won't change this either. We will enable the **Include Header** checkbox to include the column names. We leave the **Quote** field checked to enable quotes (for example: "Richard"). We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

This results in the following output (after pressing ok, saving and previewing in the browser).

5. **Markup for Excel**
   If you've chosen **Excel** as the output format, you'll get the following markup options:

We check the **Table Header** checkbox to include the column names. We leave the **Font** at **Helvetica**, and the **Size** to **12**, set the **Color** to white (**#FFFFFF**) and enable the Bold and Italic icons. We set the **BGColor** to blue (#0086be). We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

We leave the **Font** of the **Table Cell** at **Helvetica**, set the **Size** to **10**, leave the **Color** at black (#000000) and leave the **Bold** and **Italic** icons **disabled**. We also check **Show On All Pages** to show the header on all pages.

We set the **Row BGColor** to light grey (**#DEDEDE**), this way each odd row is colored grey. We leave the **Row Height** at **10**; this value sets the height of each row. Tip: if your row heights are higher than the value set at **Row Height** then you need to increase the **Column width** for the columns that have been wrapped because they contain too much data. We leave the **Line Color** to black (**#000000**); this sets the color of the lines around your cells.

We set the **Line Width** to **0.3**; this is the thickness of the lines around your cells. We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

This results in the following output (after pressing ok, saving and previewing in the browser).

6. **Markup for PDF**
   If you've chosen PDF as the output format, you'll get the following markup options:

We check the **Table Header** checkbox to include the column names. We leave the **Font** at **Helvetica**, leave the **Size** to **12**, set the **Color** to white (**#FFFFFF**) and enable the Bold and Italic icons. We set the **BGColor** to blue (#0086be). We also check **Show On All Pages** to show the header on all pages.

We leave the **Font** of the **Table Cell** at **Helvetica**, set the **Size** to **10**, leave the **Color** at black (#000000) and leave the **Bold** and **Italic** icons **disabled**.

We set the **Row BGColor** to light grey (**#DEDEDE**); this way each odd row is colored grey. We leave the **Row Height** at **10**; this value sets the height of each row. We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any). We leave the **Line Color** to black (**#000000**); this sets the color of the lines around your cells. We set the **Line Width** to **0.3**; this is the thickness of the lines around your cells. We enable **Page Numbers** to display the numbers of the pages. **Alignment** of the page numbers to right. And we set the Orientation to **Landscape** to enable a layout that is suited for wide tables.

We enable the **Title** checkbox to give our PDF a name; we name our table "Car" in the **Text** entry field. We press the bold icon and align it to the centre. We leave the **Font** at **Helvetica** and set the **Size** to **16**, we leave the **Color** to black (**#000000**). We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

This results in the following output (after pressing ok, saving and previewing in the browser).

Model	Porsche Boxter	Nissan 3507	Audi TT Coupe 2.0T	Z4 Coupe 3.0si
Engine Liters	2.7	3.5	2.0	3.0
Horse Power	245	306	200	255
Miles per gallon (city/hwy)	20/29	18/25	23/31	18/28
Price	$45,800	$28,510	$34,800	$40,700

7. **Markup for XML**

If you've chosen XML as the output format, you'll get the following markup options:

Markup			
Root name:	xml	Row name:	row
Strip Html Tags:	☑		

We leave the **Root name** to **xml** and the **Row name** to **row** to apply the default xml formatting. We leave the **Strip HTML Tags** option enabled to remove HTML codes from the content (if there are any).

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xml>
  <row>
      <ID>3</ID>
      <name>
        <![CDATA[Frank Beverdam]]>
      </name>
```

This results in the following output (after pressing ok, saving and previewing in the browser, opening the file in Dreamweaver and using CommandS -> Apply Source Formatting).

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xml>
  <row>
    <Model>
      <![CDATA[Engine Liters]]>
    </Model>
    <Porsche_Boxter>
      <![CDATA[2.7]]>
    </Porsche_Boxter>
    <Nissan_3507>
      <![CDATA[3.5]]>
    </Nissan_3507>
    <Audi_TT_Coupe_2.0T>
      <![CDATA[2.0]]>
    </Audi_TT_Coupe_2.0T>
```

8. **Advanced options - Column Markup**

You can remove table rows with the ⊟ icon and add them with ⊞ the icon

Column Markup	
⊞ ⊟	▲ ▼

We leave the **Label** name's to their default values, change them to alter the names of your columns. We set the **Column** width of profile to **85** as it contains large amounts of data that will result in very high rows. By increasing the width, the row height will be as specified in the **Row Height** field of the Main tab.

You can align the column titles with the **Header Align** option, we leave it at **center align**. We set the **Cell Align** to **center align** to centre the value names.

In PDF only, **Cell VAlign** pertains to the vertical alignment of the content in the cell. We set it to **Top** align.

In PDF, you can also choose from 3 **Column Types** which are Text, Link, and Image. 'Text' exports all your data in that column in text format only; 'Link' exports the column and keeps its links; 'Image' exports the column as images (supports .jpg files only).

Image Path, if specified, is used to prefix the image filenames so the full path can be retrieved.

Press **OK** to apply your settings.

9. **Save and done**
   Save your page and upload it to your server, and you are done! Go to your website and test it - you should be able to upload any file.

# Advanced: Using Custom Fonts to Support Foreign Characters

Introduction

In this tutorial we will show you how to add additional characters to your exporter. We advise you to look at this tutorial for advanced uses only that need additional characters (for example for support of foreign characters like Chinese).

How to do it

Copy the font that you want from your fonts directory to another directory. Go to http://fpdf.fruit-lab.de/ and upload your font (you need to upload the normal, bold, italic and bolditalic versions of your font). Press the **Convert 2 fPDP font files button**.

fPDF Font File Converter

Description: FPDF File Conveter convert TTF-Files into FPDF Font File Packages
Please select a TTF-File from your Computer and generate the FPDF-Font Files direktly

C:\Documents and Settin Bladeren… * Convert 2 fPDF font files
Map: cp1252   customize Map: ☐
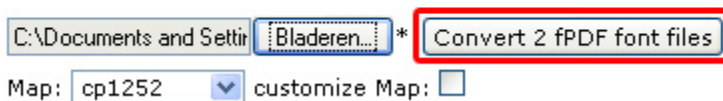
Save the PHP file (don't forget to rename it) to your UDE font folder. This location of the folder differs depending on your Dreamweaver folder.

- For **Dreamweaver CS4**
    - **Vista:** C:\Users**<username>**\AppData\Roaming\Adobe\Dreamweaver <version>\Configuration\shared\ DMXzone\UDE\font

    - **XP:** C:\Documents and Settings**<username>**\Application Data\Adobe\Dreamweaver CS4\en_US\Configuration\shared\DMXzone\UDE\font

    - **Mac:** MacHD : Users : <username> : Library : Application Support : Adobe : Dreamweaver <version> : Configuration : shared : DMXzone : UDE : font

- For **Dreamweaver CS3**:

    - **Vista:** C:\Users**<username>**\AppData\Roaming\Adobe\Dreamweaver <version>\Configuration\shared\DMXzone\UDE\font

    - **XP:** C:\Documents and Settings**<username>**\Application Data\Adobe\Dreamweaver <version>\Configuration\shared\DMXzone\UDE\font

    - **MAC:** MacHD : Users : <username> : Library : Application Support : Adobe : Dreamweaver <version> : Configuration : shared : DMXzone : UDE : font

- For **Dreamweaver 8** and below

    - **Vista:** C:\Users**<username>**\AppData\Roaming\Macromedia\Dreamweaver <version>\Configuration\shared\DMXzone\UDE\font

o   **XP:** C:\Documents and Settings**<username>**\Application Data\Macromedia\Dreamweaver 8\Configuration\shared\DMXzone\UDE\font

o   **MAC:** MacHD : Users : <username> : Library : Application Support : Macromedia: Dreamweaver <version> : Configuration : shared: DMXzone : UDE : font