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About DMXzone Universal Form Validator PHP



Add Super Powerful Validation to your forms in Dreamweaver with the **Universal Universal Form Validator!** The user input is validated both client as well as server side - so there is no escape! You can choose from many predefined validation rules, conditional validation and even Ajax style inline validation! The validation errors and hints can be displayed in great tooltips and input masking can be applied. All fully customizable to your layout and needs!

Features in Detail

Validation Rules

- Add **client as well server side validation**
- **Rich set of validation rules**, like e-mail address, url, date, numbers, ranges, credit cards and much more!
- Use **inline Ajax validation** - so you can check if a field value exists or not in your database, before the form is submitted
- **Customize error appearances** - set style for the message text, borders, error icon
- Choose from several error **reporting styles** – inline, tooltip, before or after the form and in a container element of your choice.

User Name:	<input type="text" value="admin"/>
E-mail:	<input type="text" value="email@em"/>
Password:	<input type="password"/>

Please enter a valid e-mail address.

- **Conditional validation** - so a validation is executed only when a specific condition is valid.
- Display standard localized or custom error messages

Login Details

User Name

Password

Retype Password

User Details

First Name

Last Name

Gender Male Female

Date of Birth

Email

Masking

- **Apply masks to your input fields** to provide an example input to users and limit the mistakes.
- Choose from a large number of **predefined masks**
- Create your own input masks

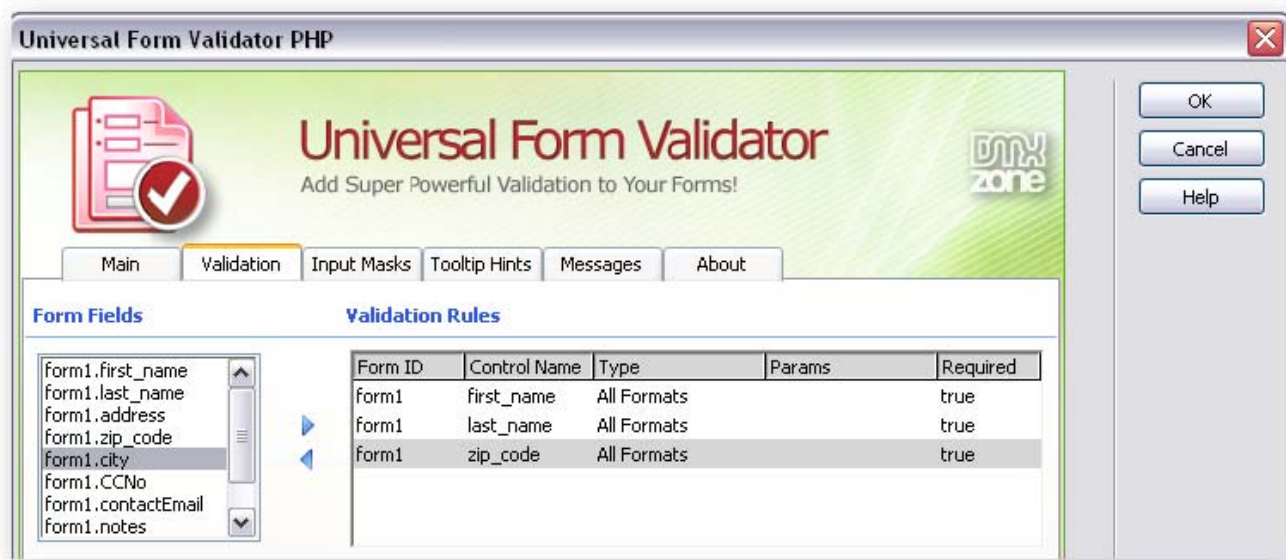
Hinting

- Add **hints to your form fields**, so that when the user clicks on a field a tool tip with information about the field pops up.
- **Customize hint appearance** (text, hint box size, borders, background color) or choose a designer presets.



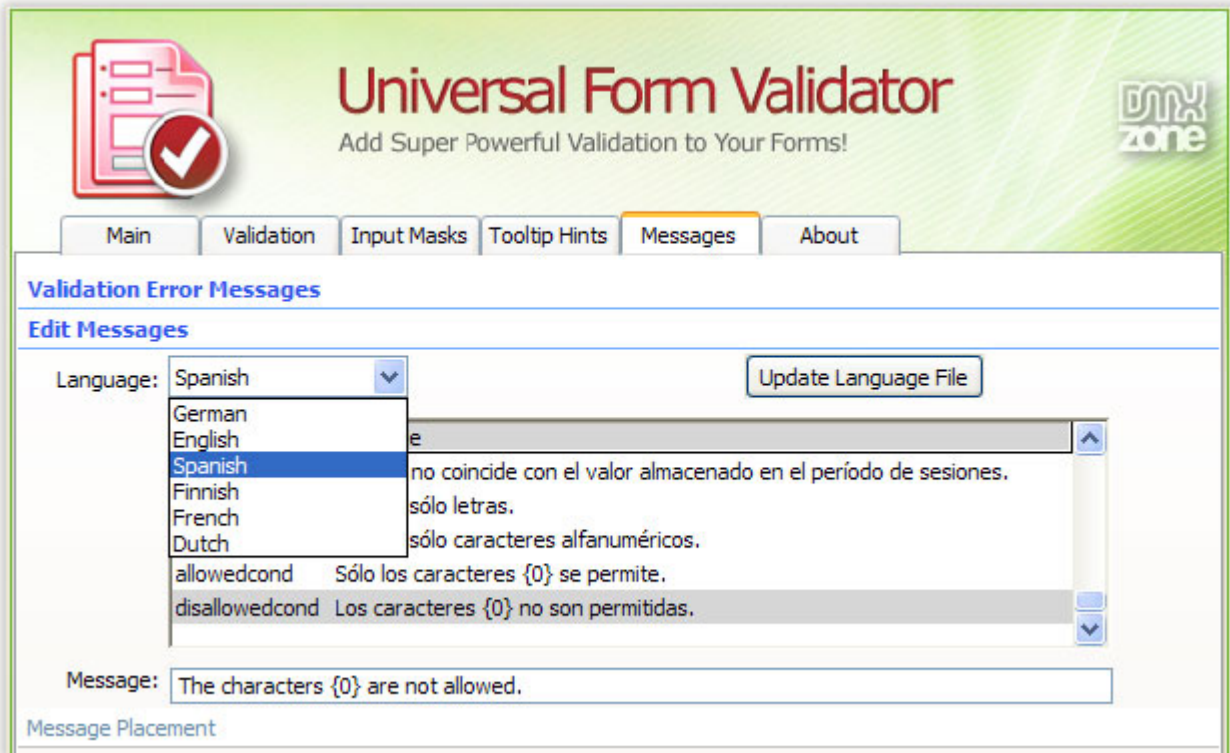
Dreamweaver Integration

- All those rich validation options are well organized in a **great looking Server Behavior dialog**, so everything is clear and easy to use
- Full integration with the standard **Insert and Update Record Server behaviors**, so you can now finally validate your form data nicely before its being saved in your database
- **Point and click usage** - just choose the fields you need to validate and all the code is automatically inserted for you - you don't need to code anything!

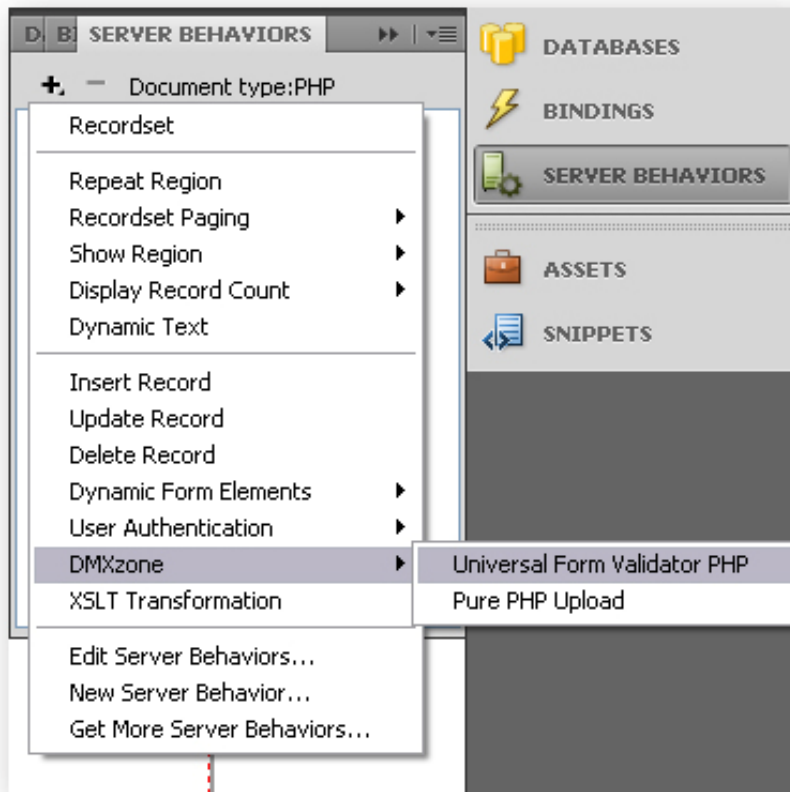


- **Fully translatable into many languages**

Validation messages in your language! The validation messages are available in many languages; the validator automatically detects the user language and shows the message in the appropriate language.

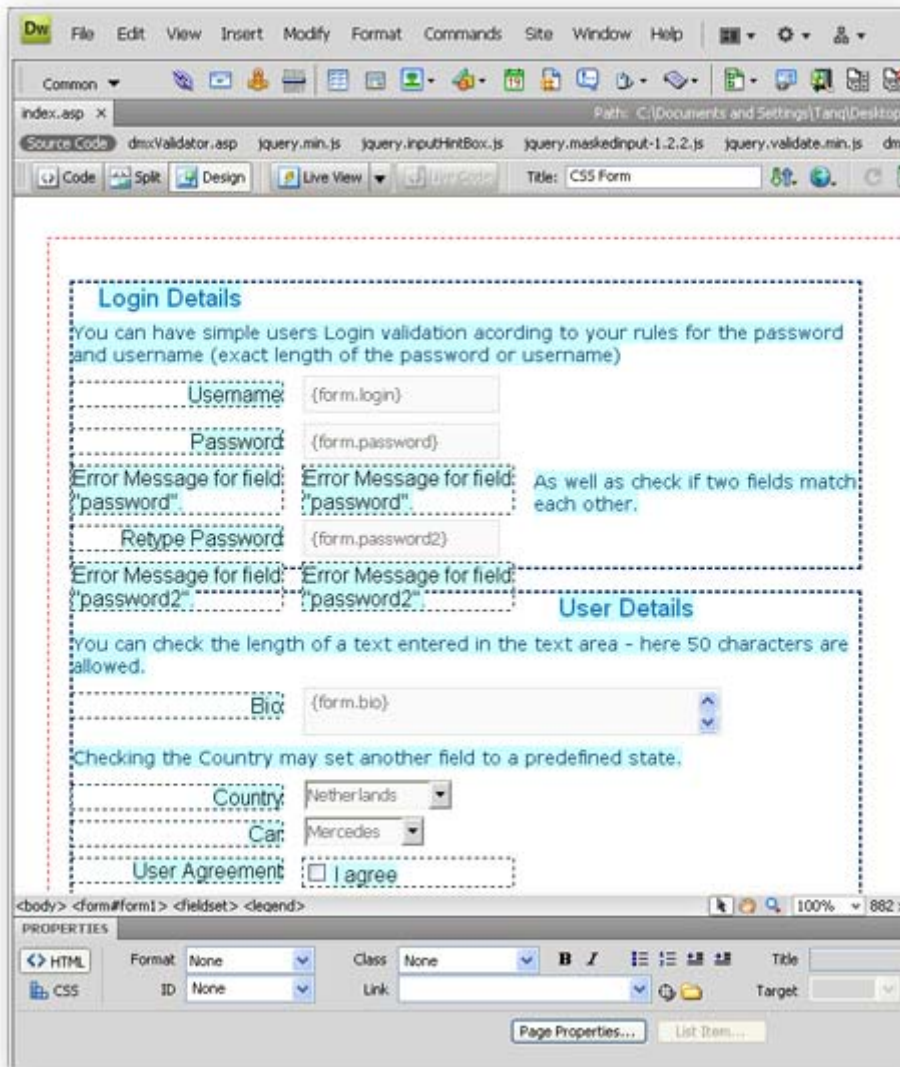


- Great integration in Dreamweaver as a Server Behavior

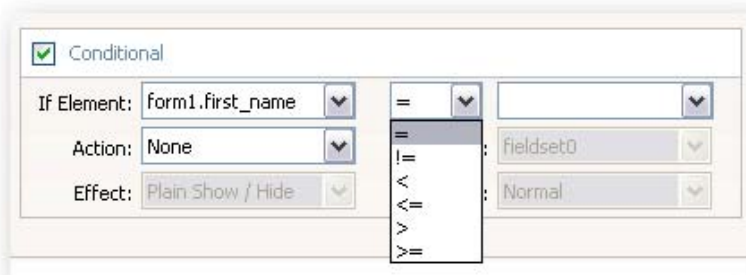


- No coding by hand whatsoever - just click and use!

- **Preview in Dreamweaver design mode** - so you can quickly see where the validation messages will be displayed



- **Extended Conditional Validation** - now you can choose from conditions like equal, greater, lesser, etc on a static value or choose from predefined values like, current month, day, year and weekday.



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.PHP?NewsId=4671>

Login, download the product, and look up your serial at <http://www.dmxzone.com/myZone.PHP?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.PHP?TypeId=7&CatId=687> before contacting support.

The Basics: Checkout Form Validation with the DMXzone Universal Form Validator

Introduction

In this tutorial we will show you how to add form validation to your simple Checkout form using the DMXzone Universal Form Validator PHP, allowing your users to get immediate feedback on their entries.

How to do it

1. **Define your site in Dreamweaver and create a new page**

Create a PHP page and Define your site in Dreamweaver. You can read more about this [HERE](#).

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

2. Create your Form

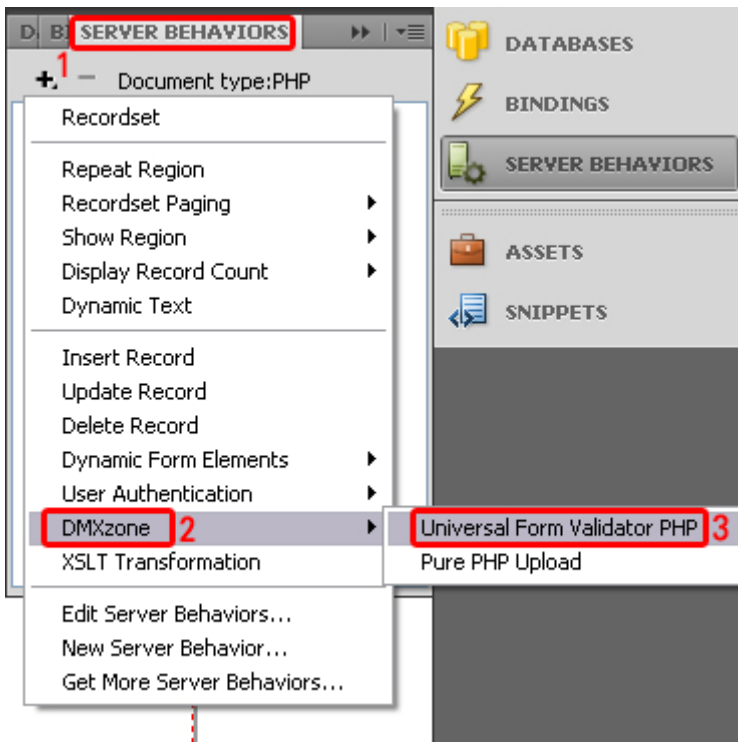
We have created a simple form that looks like this in Dreamweaver:

The screenshot shows a checkout form with the following sections and fields:

- Checkout** (Title)
- Billing Information** (Section Header)
 - First Name * (Text input: {form.first_name})
 - Last Name * (Text input: {form.last_name})
 - Address * (Text input: {form.address})
 - Zip Code * (Text input: {form.zip_code})
 - City * (Text input: {form.city})
- Credit Card Information (required)** (Section Header)
 - Credit Card Number: (Text input: {form.CCNo})
 - Expiry Date: (Month dropdown: --Month-- / Year dropdown: --Year--)
- Additional Information** (Section Header)
 - Contact Email: (Text input: {form.contactEmail})
 - Special Notes: (Text area: {form.notes})
- Send Secure Form >>** (Submit Button)

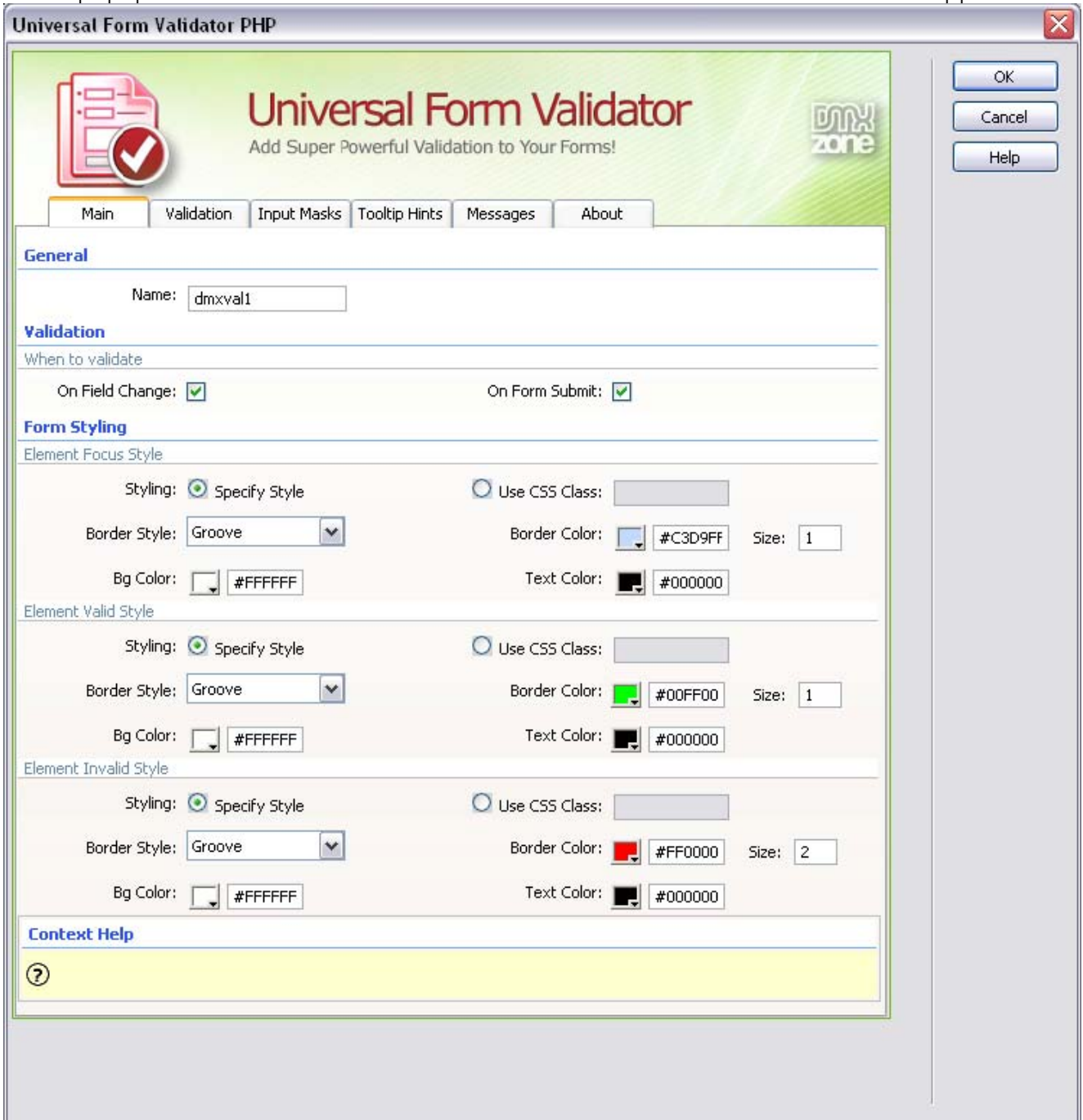
3. Insert the Server Behavior

Find the DMXzone Universal Form Validator PHP Server Behavior under the Server Behaviors tab.



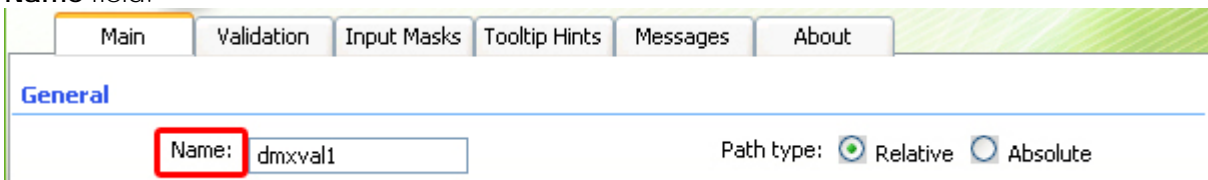
Note: Server Behaviors generate server code (PHP) and are executed on the server side, while Regular Behaviors are just JavaScript functions executed on the client side.

4. A new popup with the DMXzone Universal Form Validator PHP server behavior interface appears:



5. **Main Settings**

Here at the **Main** tab, under **General** you have to select a name for the Validator's instance in the **Name** field.



Under “**Validation**” select when you want to validate the field: **On Field Change** or **On Form Submit**. You can also choose both if you wish. Validating **On Field Change** will activate the validation when something is entered in the field and **On Form Submit** will validate the field when the form is submitted.

Validation

When to validate

On Field Change: On Form Submit:

6. **Form Styling**

Here you have two options. You can style the look of your field by using all the settings provided or you can attach your own CSS. For this tutorial we will use the styling available from the dialog.

Form Styling

Element Focus Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

Element Valid Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

Element Invalid Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

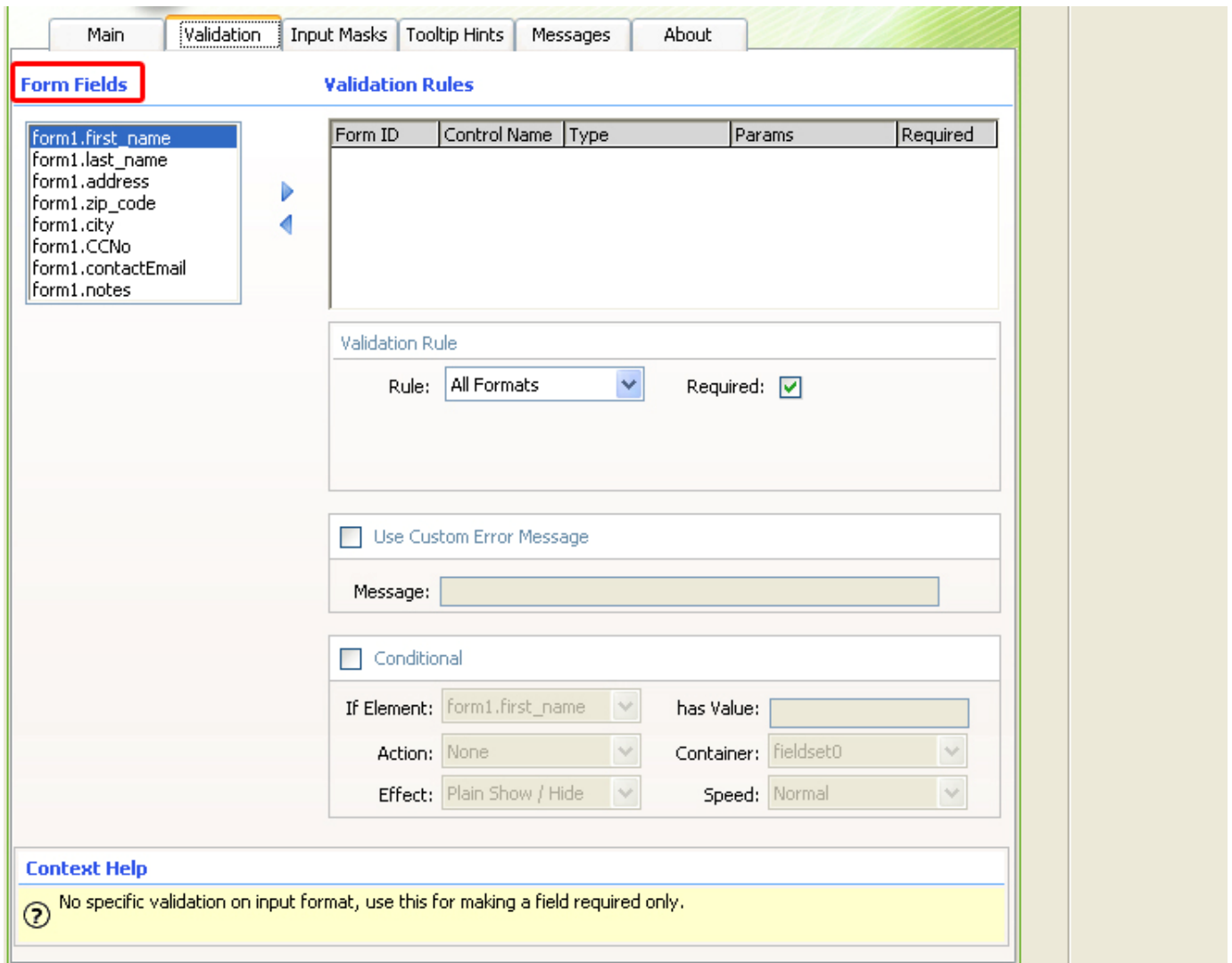
The **Element Focus Style** pertains to the style of the field before when the user “Focuses” (clicks) on it. The **Element Valid Style** pertains to the style of the field after validation when the entered information is valid

The **Element Invalid Style** pertains to the style of the field after validation when the entered information is invalid.

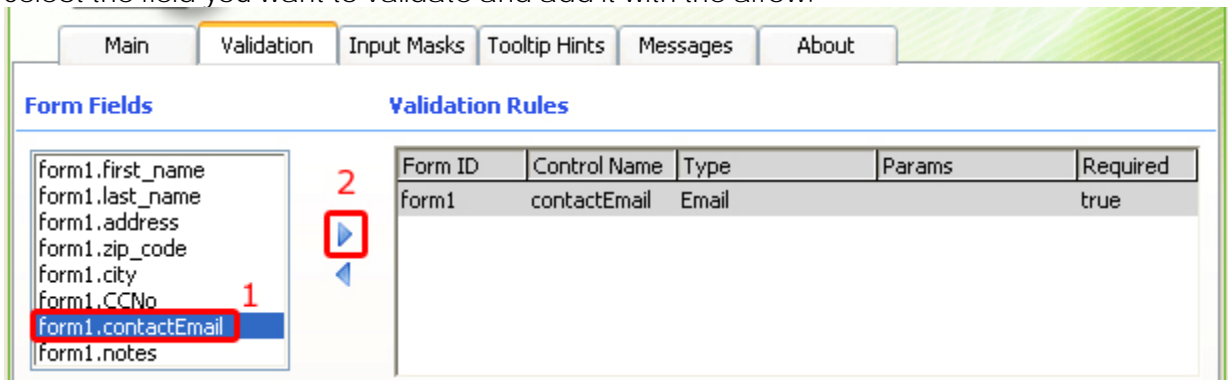
Here are the settings we have chosen:

7. **Validation**

At the **Validation** tab, you will see all your fields’ names, prefixed with the form’s ID, which are recognized by the Universal Form Validator under **Form Fields** no matter how many forms you have defined on the page.



Select the field you want to validate and add it with the arrow.



It now appears under **Validation Rules**. Here we can do several things.

We set the **Validation Rule**.

In the **Rule** field you can choose how to validate the entered information. We leave it at 'All Formats' for this field. The **Required** checkbox should be checked to specify that the field should be filled out.

You have a wide range of choices here. To learn more about each one refer to the **Reference: Validation** chapter.

Choose your *form1.first_name* field from the list of **Form Fields**. Press the arrow to add it to the **Validation Rules** box and then do the same for all the others. Select *form1.first_name* and make sure the **Required** checkbox is marked.

The screenshot shows the 'Validation' tab of the DMXzone Universal Form Validator PHP interface. It features two main panels: 'Form Fields' on the left and 'Validation Rules' on the right. The 'Form Fields' panel lists several fields: form1.first_name, form1.last_name, form1.address, form1.zip_code, form1.city, form1.CCNo, form1.contactEmail, and form1.notes. The 'Validation Rules' panel contains a table with columns for Form ID, Control Name, Type, Params, and Required. The first row is highlighted in red, showing 'Form1' for Form ID, 'first_name' for Control Name, 'All Formats' for Type, and 'true' for Required. Below the table is a 'Validation Rule' section with a dropdown menu set to 'All Formats' and a 'Required' checkbox that is checked and highlighted with a red box.

Form ID	Control Name	Type	Params	Required
Form1	first_name	All Formats		true
Form1	last_name	All Formats		true
form1	address	All Formats		true
form1	zip_code	All Formats		true
form1	city	All Formats		true

Validation Rule

Rule: All Formats Required:

Repeat this process for all the other fields except *form1.CCNo* and *form1.contactEmail*

Now select *form1.CCNo* and go to **Rules**. Select 'CreditCard' and you will get an additional field for **Card Type**.

Validation Rules

Form ID	Control Name	Type	Params	Required
form1	address	All Formats		true
form1	zip_code	All Formats		true
form1	city	All Formats		true
form1	CCNo	Visa		true
form1	contactEmail	Email		true

Validation Rule

Rule: Creditcard Required:

Card Type: All Formats
Remote
Exists In Database
Email
URL
Date
Date(ISO)
Number
Digits
Creditcard
Maximum length
Minimum length
Length Range
Maximum (numerical)
Minimum (numerical)
Range (numerical)
Equal To
Filetypes

Use Custom Message:

Conditional:

If Element: has Value:

Action: Container: fieldset0

Effect: Speed: Normal

Here we choose 'Visa' to require the user to put in only a Visa Credit Card number. Make sure the **Required** checkbox is marked.

Validation Rules

Form ID	Control Name	Type	Params	Required
form1	address	All Formats		true
form1	zip_code	All Formats		true
form1	city	All Formats		true
form1	CCNo	Creditcard	mastercard	true
form1	contactEmail	All Formats		true

Validation Rule

Rule: Creditcard Required:

Card Type: Mastercard
Visa

Now select *form1.contactEmail* and go to **Rules**. Select 'Email' and make sure the **Required** checkbox is marked.

Form ID	Control Name	Type	Params	Required
form1	zip_code	All Formats		true
form1	city	All Formats		true
form1	CCNo	All Formats		true
1 form1	contactEmail	Email		true

Validation Rule

Rule: Email Required:

2 Email

All Formats

Remote

Exists In Database

URL

Date

Date(ISO)

Number

Digits

Creditcard

Maximum length

Minimum length

Length Range

Maximum (numerical)

Minimum (numerical)

Range (numerical)

Equal To

Filetypes

Message:

Condition

If Element:

Action:

Effect:

has Value:

Container: fieldset0

Speed: Normal

8. Your result should look like this in Dreamweaver:



and like this in your browser:

Checkout

Billing Information

First Name *

Last Name *

Address *

Zip Code *

City *

Credit Card Information (required)

Credit Card Number:
Please enter a valid VISA card number.

Expiry Date: /

Additional Information

Contact Email:
Please enter a valid e-mail address.

Special Notes:

[Send Secure Form >>](#)

Advanced: Registration Form Validation with the DMXzone Universal Form Validator

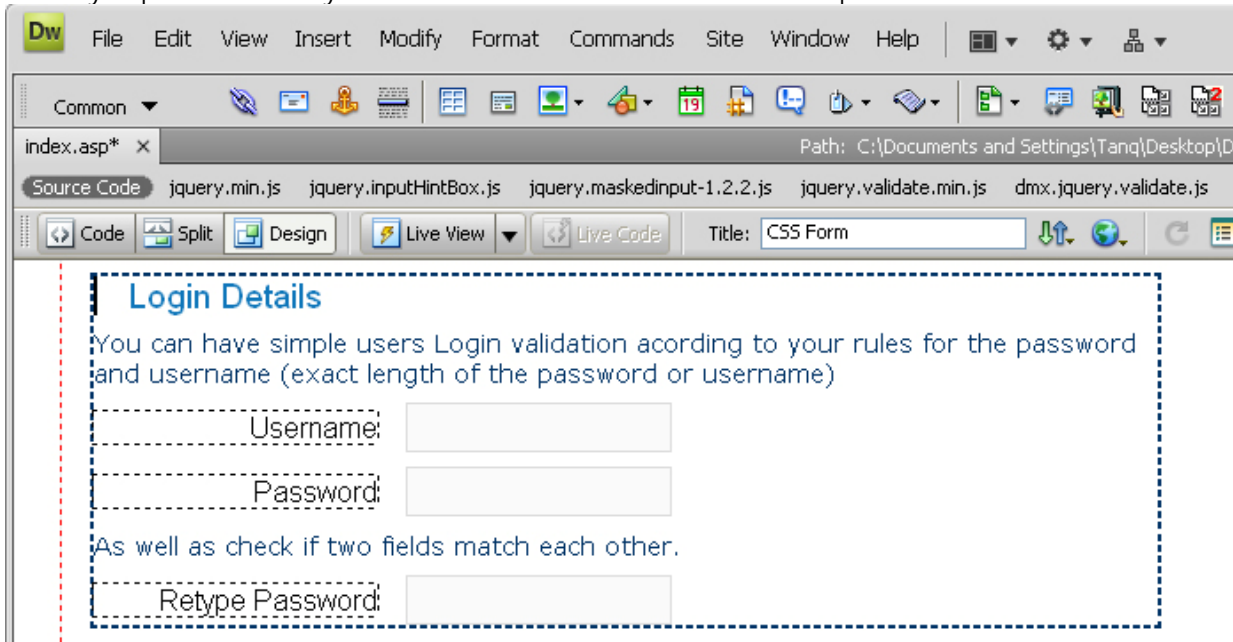
Introduction

In this tutorial we will show you how to add form validation to your Registration form using the DMXzone Universal Form Validator PHP, allowing your users to get immediate feedback on their entries.

How to do it

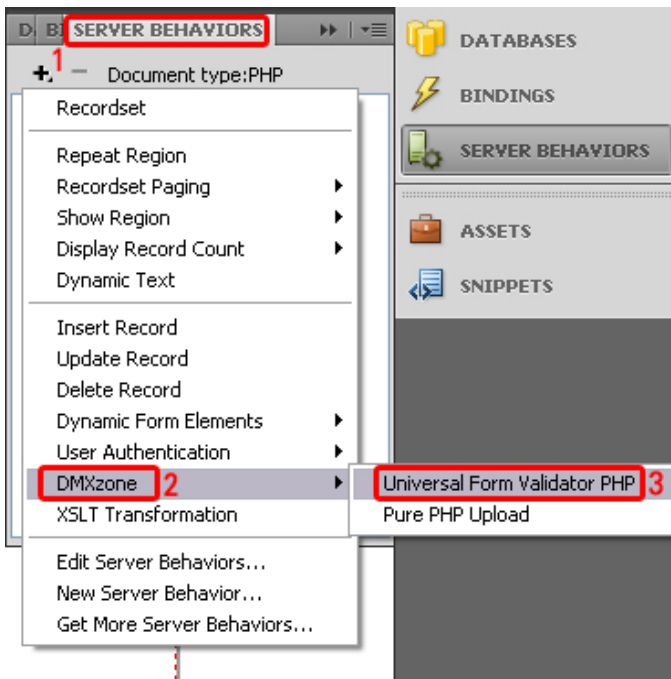
1. Create your Form

Create your form or insert a form you have prepared beforehand into your PHP page. Make sure you have a Name for each field and an ID for each form you want to use the validator for since this will be very important when you start to attach different validation options to each field.



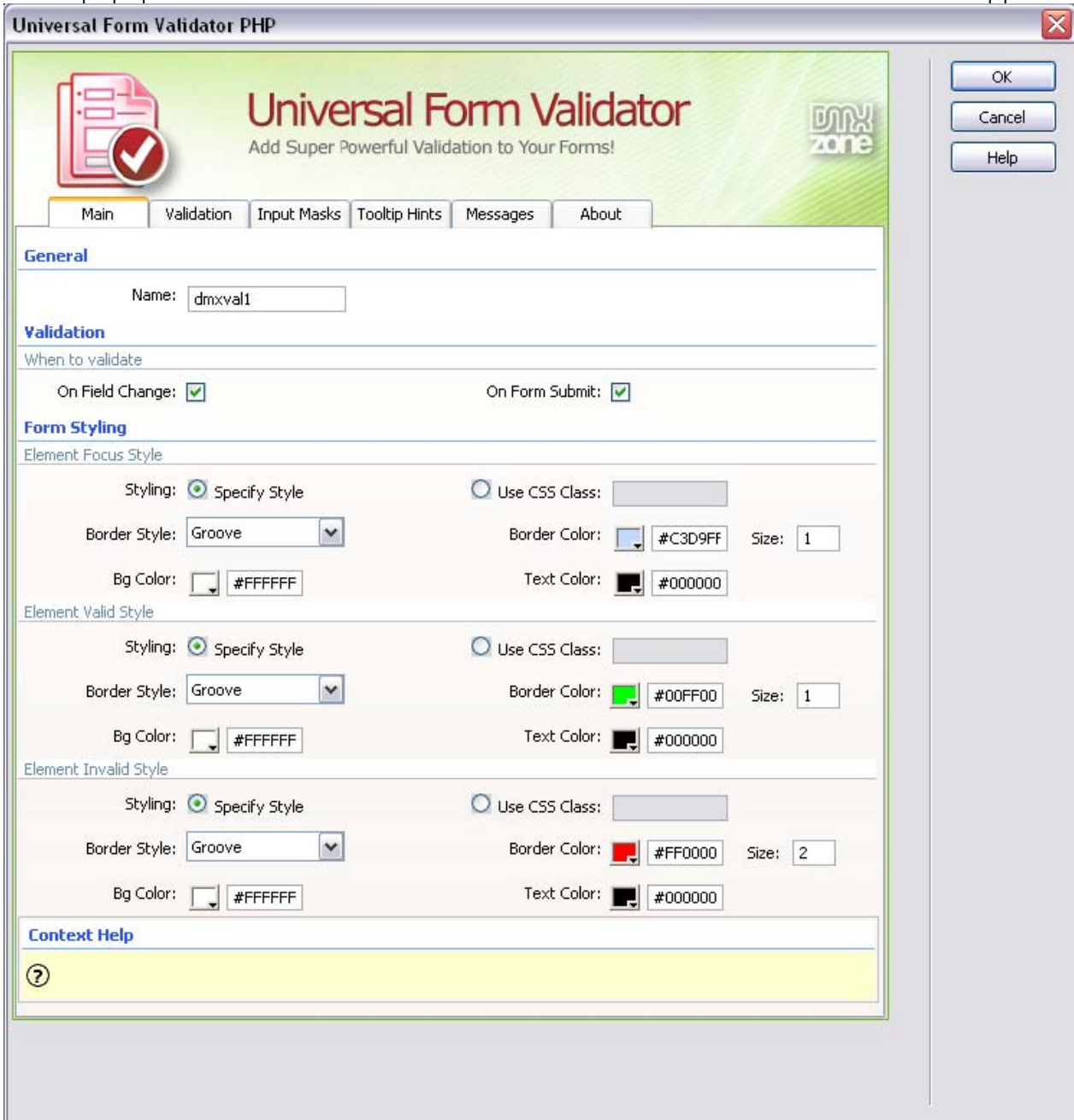
2. Insert the Server Behavior

Find the DMXzone Universal Form Validator PHP Server Behavior under the Server Behaviors tab.



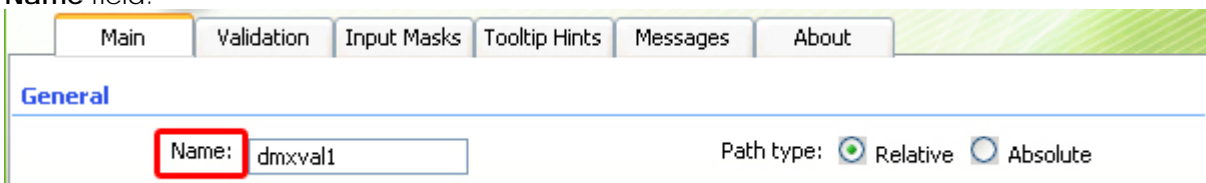
Note: Server Behaviors generate server code PHP and are executed on the server side, while Regular Behaviors are just JavaScript functions executed on the client side.

3. A new popup with the DMXzone Universal Form Validator PHP server behavior interface appears:



4. **Main Settings**

Here at the **Main** tab, under **General** you have to select a name for the Validator's instance in the **Name** field.



Under "**Validation**" select when you want to validate the field: **On Field Change** or **On Form Submit**. You can also choose both if you wish. Validating **On Field Change** will activate the validation when something is entered in the field and **On Form Submit** will validate the field when the form is submitted.

Note: the form will always be checked server side after submitting

Validation

When to validate

On Field Change:

On Form Submit:

5. **Form Styling**

Here you have two options. You can style the look of your field by using all the settings provided or you can attach your own CSS. For this tutorial we will use the styling available from the dialog.

Form Styling

Element Focus Style

Styling: Specify Style Use CSS Class:

Border Style: Solid Border Color: #36393D Size: 1

Bg Color: #36393D Text Color: #36393D

Element Valid Style

Styling: Specify Style Use CSS Class:

Border Style: Solid Border Color: #36393D Size: 1

Bg Color: #36393D Text Color: #36393D

Element Invalid Style

Styling: Specify Style Use CSS Class:

Border Style: Solid Border Color: #36393D Size: 1

Bg Color: #36393D Text Color: #36393D

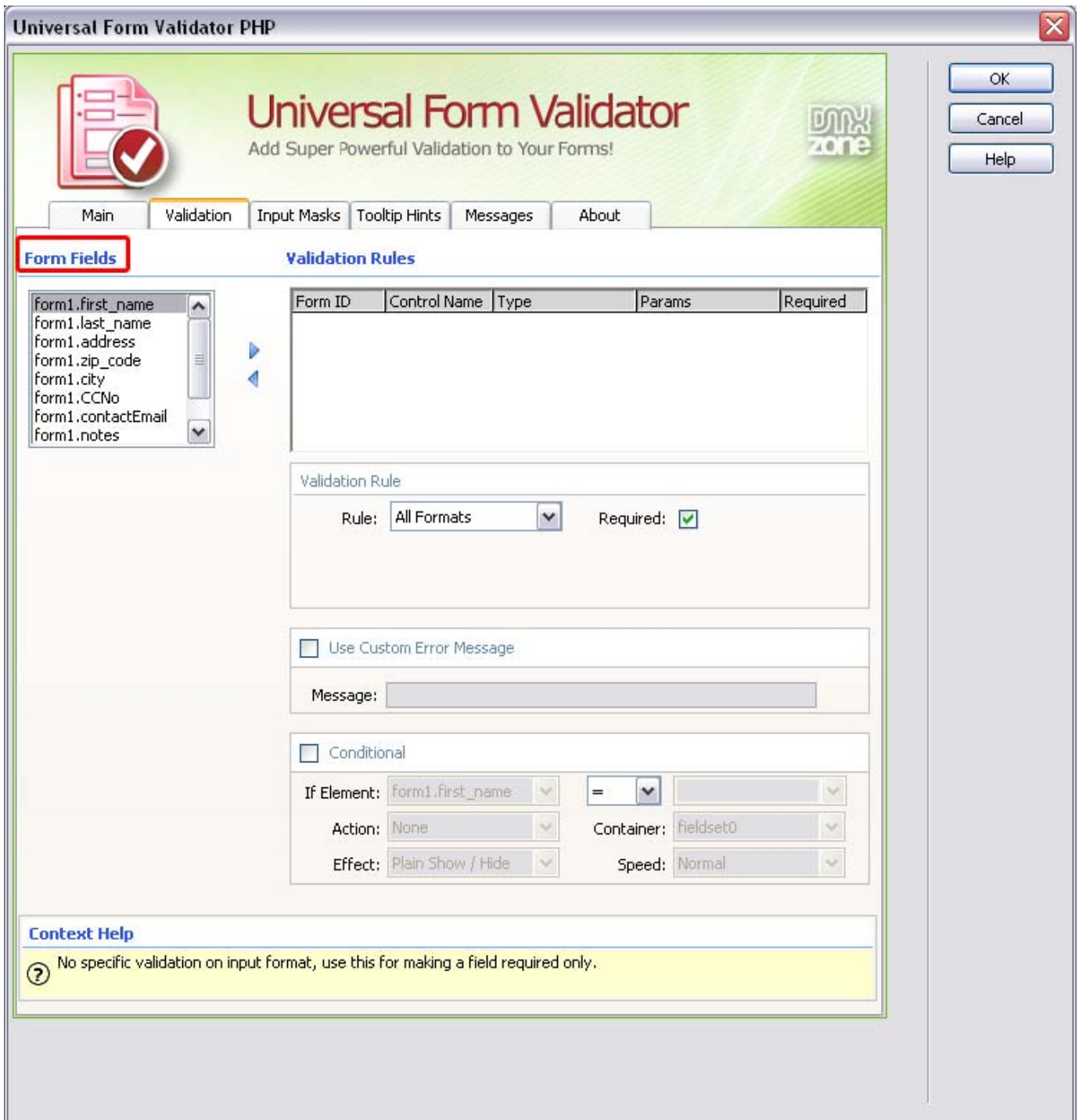
The **Element Focus Style** pertains to the style of the field before when the user "Focuses" (clicks) on it. The **Element Valid Style** pertains to the style of the field after validation when the entered information is valid

The **Element Invalid Style** pertains to the style of the field after validation when the entered information is invalid.

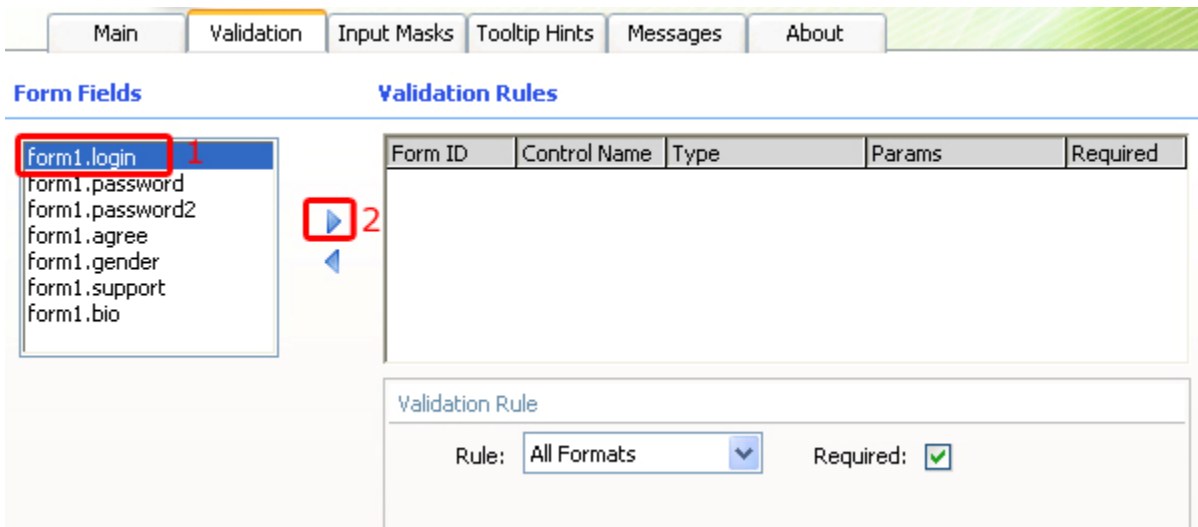
Here are the settings we have chosen:

6. **Validation**

At the **Validation** tab, you will see all your fields' IDs, prefixed with the form's ID, which are recognized by the Universal Form Validator under **Form Fields** no matter how many forms you have defined on the page.



Select the field you want to validate and add it with the arrow.



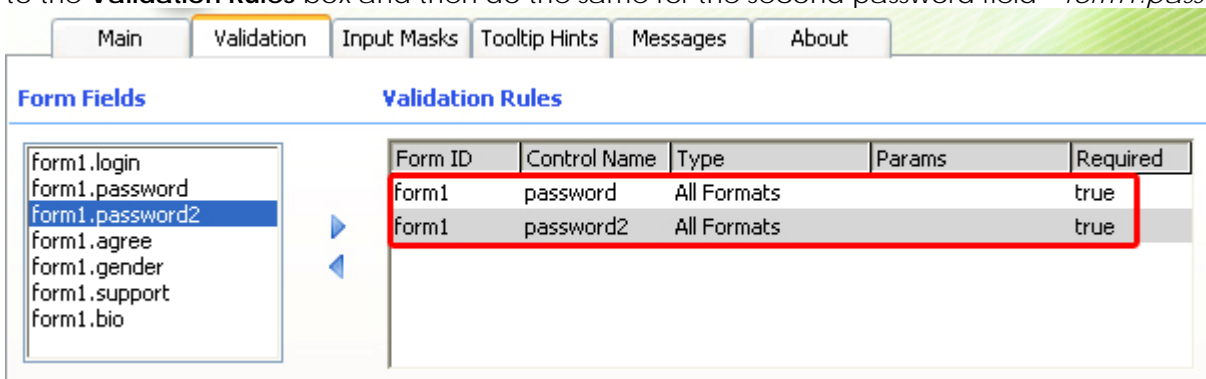
It now appears under **Validation Rules**. Here we can do several things.

We set the **Validation Rule** .

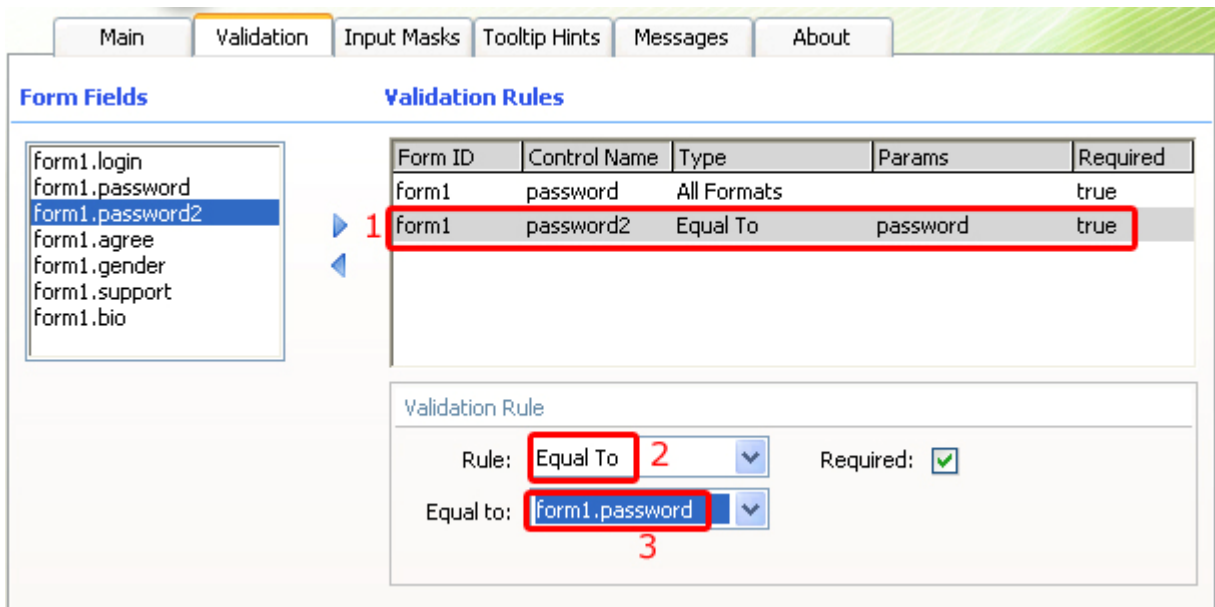
In the **Rule** field you can choose where to validate the entered information. The **Required** checkbox should be checked to specify that the field should be filled out. You have a wide range of choices here. To learn more about each one refer to the **Reference: Validation** chapter.

For our tutorial we will choose 'Equal to' for our passwords login fields. We have our first password field in which the user will choose his/her password and the second in which he/she will retype it for verification.

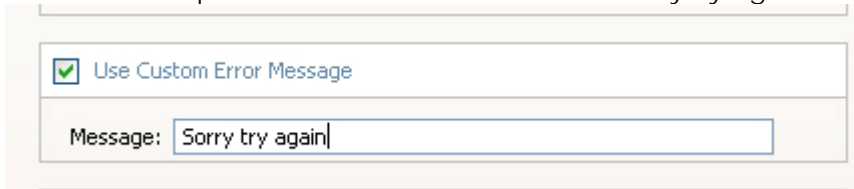
Choose your first password field from the list of **Form Fields** – *form1.password*. Press the arrow to add it to the **Validation Rules** box and then do the same for the second password field – *form1.password2*.



Select *form1.password2* from the **Validation Rules** table and under it, choose your **Validation Rule**, in our case "Equal to" and from the submenu **Equal to** choose *form1.password*.



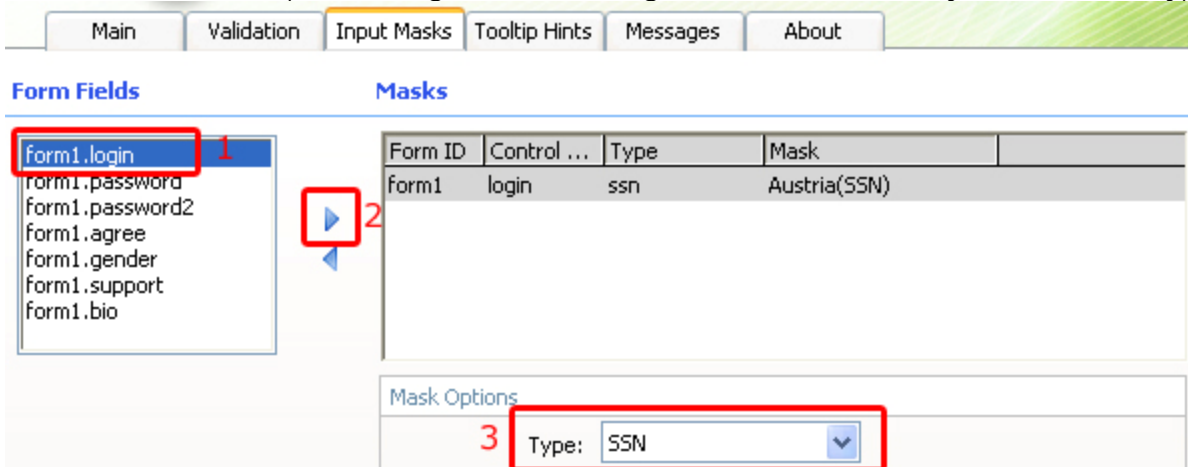
Under the rules, you can choose if you want a **Custom Error Message** to appear if there is a mismatch. We put a check next to it and write "Sorry try again"



We leave the **Conditional** checkbox unchecked for now.

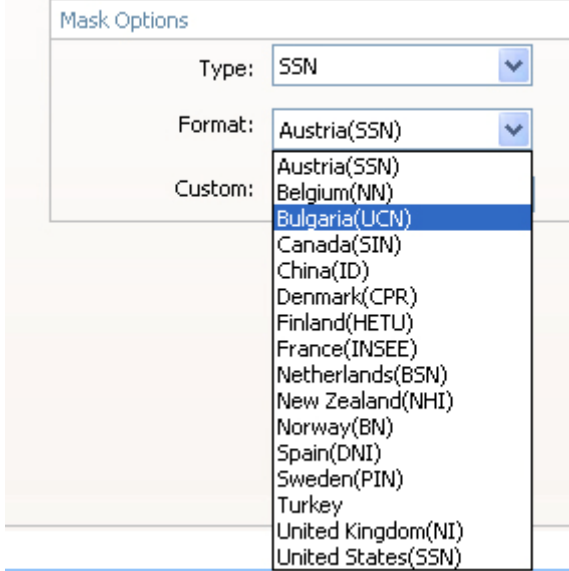
7. Input Masks

Give a particular field an Input Mask to set a specific format in which the user has to enter his information. For example we will give our form1.login field a Social Security Number Mask Type.



The Format of the Social Security Number will be Bulgarian since we are making the current form for users in Bulgaria. Now the user will have to enter his/her SSN only. If they enter anything else they will

get an error message.



Mask Options

Type:

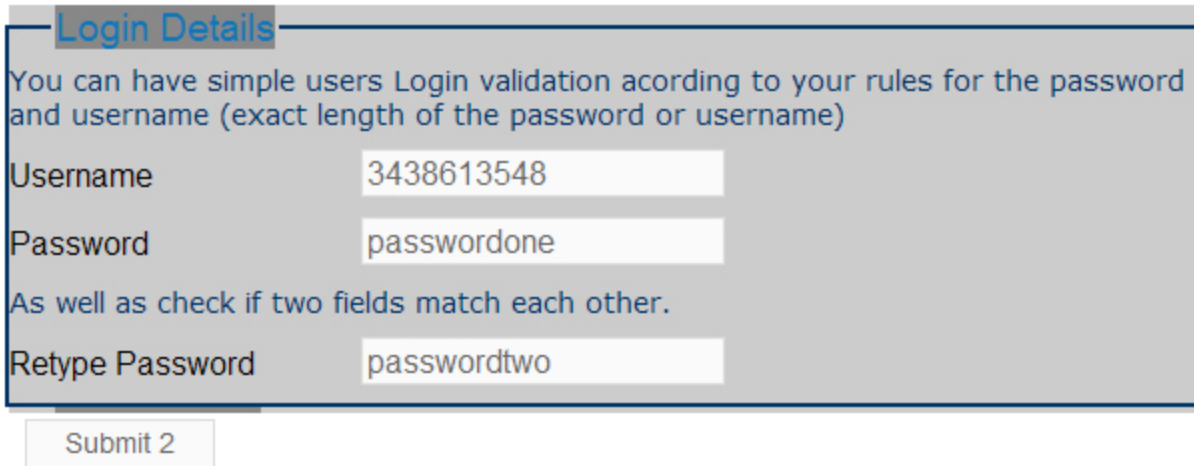
Format:

Custom:

- Austria(SSN)
- Belgium(NN)
- Bulgaria(LCN)
- Canada(SIN)
- China(ID)
- Denmark(CPR)
- Finland(HETU)
- France(INSEE)
- Netherlands(BSN)
- New Zealand(NHI)
- Norway(BN)
- Spain(DNI)
- Sweden(PIN)
- Turkey
- United Kingdom(NI)
- United States(SSN)

You can read more about each type of Mask at the **Reference: Input Masks** chapter.

So far, your result should look like this:



Login Details

You can have simple users Login validation according to your rules for the password and username (exact length of the password or username)

Username

Password

As well as check if two fields match each other.

Retype Password

Your form contains the following errors:

- Retype Password: Please enter the same value again.

Please fix them before submitting.

Advanced: Tooltip Hints and Messages

Introduction

In this tutorial we will show you how to use Tooltip Hints and customize the error messages that appear when you use DMXzone Universal Form Validator.

How to do it

1. **Add your Universal Form Validator**

As you can see, we've already added a Universal Form Validator and set up its primary options in the previous chapter. If you don't know how to do that, refer to the previous chapter.

Universal Form Validator PHP

Universal Form Validator
Add Super Powerful Validation to Your Forms!

DMXzone

Main Validation Input Masks Tooltip Hints Messages About

General

Name:

Validation

When to validate

On Field Change: On Form Submit:

Form Styling

Element Focus Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

Element Valid Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

Element Invalid Style

Styling: Specify Style Use CSS Class:

Border Style: Border Color: Size:

Bg Color: Text Color:

Context Help

?

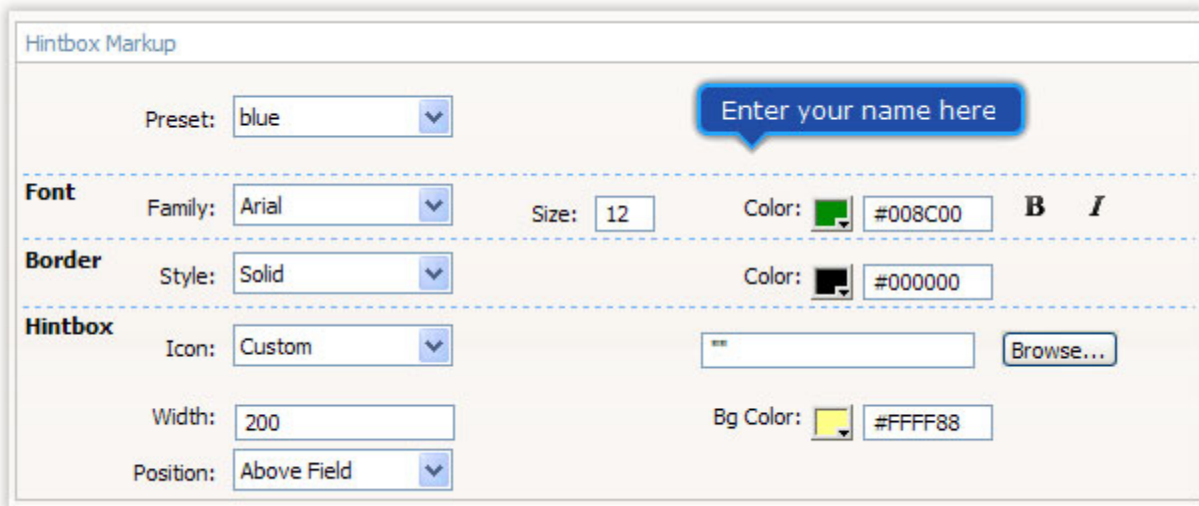
2. Go to the Tooltip Hints tab

Select the field you want to add a tooltip for under **Form Fields** and click the blue arrow to add it under **Input Hints**. You can add more than one field and add a field multiple times here. Select each one to add a specific hint to it. We choose *form1.agree* for this tutorial.



3. Set the Hintbox Markup.

Here you can customize the look of your tooltip. Take a look at the settings we have chosen.



4. Moving on to the Messages tab

Here, you can customize all your error messages. You can set the **Font**, **Size**, **Color** and **Bold/Italic** properties as well as add an **Icon** (your own design or from the Validator's list) and **Edit Messages** by changing their **Language** and editing the text in the message itself. Something very important to remember to save your updated messages by pressing "Update Language Files" after you've finished editing them.

Universal Form Validator
Add Super Powerful Validation to Your Forms!

Main Validation Input Masks Tooltip Hints **Messages** About

Validation Error Messages

Edit Messages

Language: English

Rule	Message
sessioncond	The value does not match the value stored in the session.
letterscond	Please enter letters only.
alphanumeric...	Please enter alphanumeric characters only.
allowedcond	Only the characters {0} are allowed.
disallowedcond	The characters {0} are not allowed.

Message:

Message Placement

Location: Tooltip **This field is required!**

Tooltip Options

Font Family: Arial Color: #FFFFFF **B** *I*

Border Style: Solid Color: #FF0000

Icon: Custom

Tooltip Width: Bg Color: #FF0000

Position: Above Field

Context Help

?

You can also select the **Location** appearance for the error message on your page. You can read more about each type of locations and see its options in the **Reference: Messages** chapter.

Let's select "Below Form" for example. You can also set the **Header Text**, **Footer Text**, **List Style**, **Border Size**, **Icon**, **Text Font**, and **Border Color**. Here are the settings we have chosen.

Message Placement

Location: Below Form Preset: error_five

Validation Report

Font Family: Arial Size: 12 Color: #FFFFFF **B** *I*

Border Style: Solid Size: 1 Color: #000000

Icon: Custom "" Browse...

Header Text: Footer Text:

List Style: Unordered Container:

5. **When you are done**

Save your work and test it in your browser.

Checking the Country may set another field to a predefined state.

Country Netherlands

Car Volvo

User Agreement I agree

Gender Male Mark this box if you agree with our terms

Reference: Validation Rules

Introduction

In this tutorial we will thoroughly explain the rest of the options in the **Validation tab** of the DMXzone Universal Form Validator PHP.

Let's go over the available Rules to give you a better idea of all of the capabilities at your fingertips.

The screenshot shows the 'Validation' tab of the DMXzone Universal Form Validator PHP. On the left, under 'Form Fields', a list of fields is shown, with 'form1.login' selected. On the right, under 'Validation Rules', a table lists the rules for the selected field:

Form ID	Control Name	Type	Params	Required
form1	login	All Formats		true
form1	login	All Formats		true

Below the table, the 'Validation Rule' configuration is shown. The 'Rule' dropdown is open, displaying a list of available rules: All Formats, Remote, Exists In Database, Email, URL, Date, Date(ISO), Number, Digits, Creditcard, Maximum length, Minimum length, Length Range, Maximum (numerical), Minimum (numerical), Range (numerical), Equal To, and Filetypes. The 'Required' checkbox is checked. Other options like 'Use Custom Message', 'Conditional', 'If Element', 'Action', 'Effect', 'has Value', 'Container', and 'Speed' are also visible.

Keep in mind that you can add fields more than once under **Validation Rules**

This screenshot shows the same interface as the previous one, but with two validation rules added for the 'form1.login' field. The table under 'Validation Rules' now contains two entries, both highlighted with a red box:

Form ID	Control Name	Type	Params	Required
form1	login	All Formats		true
form1	login	All Formats		true

All Formats – validate if there is anything written in the field

Validation Rule

Rule: All Formats Required:

Remote – validate something from a remote site or script. Enter a URL or locate a page in your site by pressing the Lightning Bolt icon.

Validation Rule

Rule: Remote Required:

URL:

Exists in Database –You have to choose the **Connection** and then you can go on to select your **Table** and **Column**. Lastly you have to tell the validator when should the value be valid, when it **Exists** or when it **Doesn't exist**. This happens in real time.

Validation Rule

Rule: Exists In Database Required:

Connection: access_database Table: user_accounts

Column: Password Valid When: Exists Doesn't exist

Email – validate an email

Validation Rule

Rule: Email Required:

URL – validate a link

Validation Rule

Rule: URL Required:

Date - validate a date

Validation Rule	
Rule: <input type="text" value="Date"/>	Required: <input checked="" type="checkbox"/>

Date(ISO) - validate a date

Validation Rule	
Rule: <input type="text" value="Date(ISO)"/>	Required: <input checked="" type="checkbox"/>

Number - validate a number

Validation Rule	
Rule: <input type="text" value="Number"/>	Required: <input checked="" type="checkbox"/>

Digits - validate digits

Validation Rule	
Rule: <input type="text" value="Digits"/>	Required: <input checked="" type="checkbox"/>

Credit Card - validate a credit card number. In addition to insert different Credit Cards (CC), you can select multiple types by pressing and holding Ctrl (Windows OS) or Cmd (Mac OS) and selecting the CC types.

Validation Rule	
Rule: <input type="text" value="Creditcard"/>	Required: <input checked="" type="checkbox"/>
Card Type: <input type="text" value="Mastercard"/>	<input type="text" value="Visa"/>

Maximum Length - check for a specific maximum number of symbols

Validation Rule	
Rule: <input type="text" value="Maximum length"/>	Required: <input checked="" type="checkbox"/>
Max length: <input type="text" value="10"/>	

Minimum Length - check for a specific minimum number of symbols

Validation Rule	
Rule: <input type="text" value="Minimum length"/>	Required: <input checked="" type="checkbox"/>
Min length: <input type="text" value="5"/>	

Length Range - set the range of the length of the input

Validation Rule	
Rule: <input type="text" value="Length Range"/>	Required: <input checked="" type="checkbox"/>
Min length: <input type="text" value="5"/>	Max length: <input type="text" value="10"/>

Maximum(numerical) - set the maximum amount of numbers that the user can put in

Validation Rule	
Rule: <input type="text" value="Maximum (numerical)"/>	Required: <input checked="" type="checkbox"/>
Max value: <input type="text" value="100"/>	

Minimum(numerical) - set the minimum amount of numbers that the user can put in

Validation Rule	
Rule: <input type="text" value="Minimum (numerical)"/>	Required: <input checked="" type="checkbox"/>
Min value: <input type="text" value="0"/>	

Range(numerical) - set the range of the numbers that the user can put in

Validation Rule	
Rule: <input type="text" value="Range (numerical)"/>	Required: <input checked="" type="checkbox"/>
Min value: <input type="text" value="0"/>	Max value: <input type="text" value="100"/>

Equal To – validate if two fields in you form have the same content.

Validation Rule

Rule: Required:

Equal to:

- form1.login
- form1.password
- form1.password2
- form1.agree
- form1.gender
- form1.support
- form1.bio

Use Custom

Message:

File Types – choose the file types that you want to have available for your user. You can choose the file types for Images, Audio, Video, and Custom.

Validation Rule

Rule: Required:

Filetype:

- Images
- Audio
- Video
- Custom

Extensions:

Use Custom

IBAN - validate an IBAN number

Validation Rule

Rule: Required:

VAT number - validate a VAT number

Validation Rule

Rule: Required:

Minimum required - set the minimum number of checkboxes (radio buttons, etc.) that need to be checked.

Validation Rule

Rule: Required:

Min number:

Maximum required - set the maximum number of checkboxes (radio buttons, etc.) that need to be checked.

Validation Rule

Rule: Required:

Max number:

Session variable - check a field against preset session variable

Validation Rule

Rule: Required:

Variable:

Letters – check that only letters has been used. Allow spaces checkbox lets you put spaces between the letters.

Validation Rule

Rule: Required:

Allow spaces:

Alphanumeric characters - check that only alphanumeric characters has been used

Validation Rule

Rule: Required:

Allow spaces:

Allowed characters –allows only the characters that has been defined in the Characters field

Validation Rule

Rule: Required:

Characters:

Disallowed characters – disallows only the characters that has been defined in the Characters field

Validation Rule

Rule: Required:

Characters:

By checking the **Conditional** checkbox you can set some relationships between your form fields and rules. If the element has a particular value that you enter here, the selected validation rule will become active. You can also choose to show/hide some other field/element based on a value entered in the main field.



Conditional

If Element: has Value:

Action: Container:

Effect: Speed:

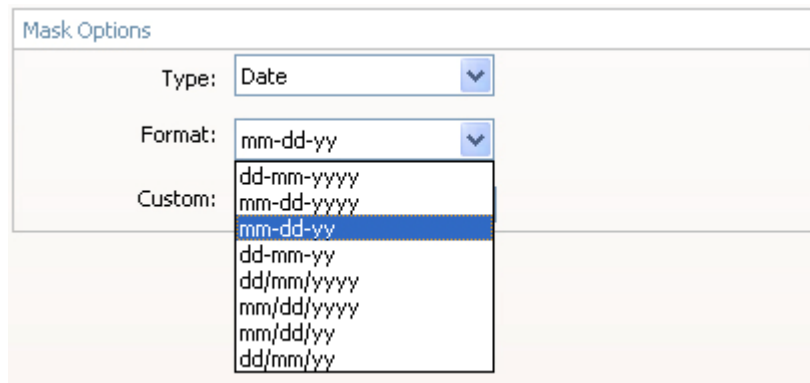
Reference: Input Masks

Introduction

In this tutorial we will thoroughly explain the rest of the options in the **Input Masks tab** of the DMXzone Universal Form Validator PHP.

Other predefined masks you can apply are:

Date: here you can specify that you want the user to enter a date in a certain format that you can choose from the Format menu.



Mask Options

Type:

Format:

Custom:

- dd-mm-yyyy
- mm-dd-yyyy
- mm-dd-yy
- dd-mm-yy
- dd/mm/yyyy
- mm/dd/yyyy
- mm/dd/yy
- dd/mm/yy

Time: you can specify that you want the user to enter a time in a certain format that you can choose from the Format menu.

Mask Options

Type: Time

Format: hh.mm.ss

Custom:

- hh:mm:ss
- hh:mm
- hh.mm.ss
- hh.mm

Credit Card: you can specify that you want the user to enter a credit card number.

Mask Options

Type: Credit card

Format: 16 digit

Custom:

Expiration Date: you can specify that you want the user to enter an expiration date in a certain format that you can choose from the Format menu.

Mask Options

Type: Expiration Date

Format: mm/yy

Custom:

- mm/yy
- yy/mm
- mmyy
- yymm
- mm-yy
- yy-mm

Security Code: you can specify that you want the user to enter a security in a certain format that you can choose from the Format menu.

Mask Options

Type: Security Code

Format: 3 digit

Custom:

Phone Number: you can specify that you want the user to enter a Phone Number in a format from a certain country that you can choose from the Format menu.

Mask Options

Type: Phone Number

Format: Australia

Custom:

- Australia
- Brazil
- Denmark
- France
- Germany
- Netherlands
- North America
- Spain
- Switzerland

Zip Code: you can specify that you want the user to enter a Zip Code in a format from a certain country that you can choose from the Format menu.

Mask Options

Type: Zip Code

Format: Canada

Custom:

- Canada
- Netherlands
- United States

SSN: you can specify that you want the user to enter a Social Security Number in a format from a certain country that you can choose from the Format menu.

Mask Options

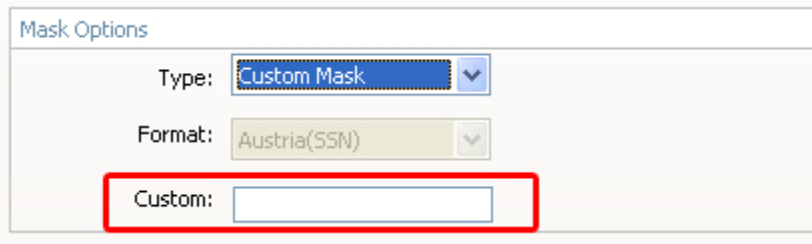
Type: SSN

Format: Austria(SSN)

Custom:

- Austria(SSN)
- Belgium(NN)
- Bulgaria(UCN)
- Canada(SIN)
- China(ID)
- Denmark(CPR)
- Finland(HETU)
- France(INSEE)
- Netherlands(BSN)
- New Zealand(NHI)
- Norway(BN)
- Spain(DNI)
- Sweden(PIN)
- Turkey
- United Kingdom(NI)
- United States(SSN)

Custom Mask: the custom mask gives you freedom to set many more formats and make your fields be that much more specific. The **Custom** field that appeared grayed out under all the other options is now editable!



Mask Options

Type: Custom Mask

Format: Austria(SSN)

Custom:

You can use the following wildcards:

9: A digit from 0 to 9

z: A lowercase letter

Z: A uppercase letter

a: A lower- or uppercase letter

*: A lower- or uppercase letter or digit

Full list:

0: The number 0

1: A digit from 0 to 1

2: A digit from 0 to 2

3: A digit from 0 to 3

4: A digit from 0 to 4

5: A digit from 0 to 5

6: A digit from 0 to 6

7: A digit from 0 to 7

8: A digit from 0 to 8

9: A digit from 0 to 9

z: Any lowercase letter

Z: Any uppercase letter

^: +-A

X: x or X

a: Any lower- or uppercase letter

*: Any lower- or uppercase letter or digit

For example you may want a user to enter an answer to a question: What is the capital of Bulgaria?

You have to set the answer (Sofia) to be composed of 5 letters from which the first one is capitalized.

In the custom field you would enter: Zzzzz

Now, the input field will only accept an input starting with a uppercase letter followed by 4 lowercase letters

Reference: Messages

Introduction

In this tutorial we will thoroughly explain the rest of the options in the **Messages tab** of the DMXzone Universal Form Validator PHP.

The options for location of the message include: Next to Field, Below Form, Above Form, Existing Container, and Tooltip. Each one has options.

Next to Field:

The screenshot shows the 'Messages Placement' section with 'Location' set to 'Next to field' and 'Preset' set to 'error_five'. Below this is the 'Messages Style' section, which includes 'Font' settings (Family: Arial, Size: 12, Color: #FFFFFF, Bold, Italic), 'Border' settings (Style: Solid, Size: 1, Color: #000000), and an 'Icon' section (Custom, with a text input field containing '**' and a 'Browse...' button).

Below Form:

The screenshot shows the 'Messages Placement' section with 'Location' set to 'Below Form' and 'Preset' set to 'error_five'. Below this is the 'Validation Report' section, which includes 'Font' settings (Family: Arial, Size: 12, Color: #FFFFFF, Bold, Italic), 'Border' settings (Style: Solid, Size: 1, Color: #000000), and an 'Icon' section (Custom, with a text input field containing '**' and a 'Browse...' button). At the bottom, there are 'Header Text' and 'Footer Text' input fields, a 'List Style' dropdown set to 'Unordered', and a 'Container' dropdown.

Above Form:

Message Placement

Location: Above Form Preset: error_five

Validation Report

Font Family: Arial Size: 12 Color: #FFFFFF **B** *I*

Border Style: Solid Size: 1 Color: #000000

Icon: Custom "" Browse...

Header Text: Footer Text:

List Style: Unordered Container:

Existing in container:

Message Placement

Location: Existing container Preset: error_five

Validation Report

Font Family: Arial Size: 12 Color: #FFFFFF **B** *I*

Border Style: Solid Size: 1 Color: #000000

Icon: Custom "" Browse...

Header Text: Footer Text:

List Style: Unordered Container:

Tooltip:

Message Placement

Location: Preset: This field is required!

Tooltip Options

Font Family: Size: Color: **B** *I*

Border Style: Size: Color:

Icon:

Tooltip Width: Bg Color:

Position:



Video: Verifying a Field Value in a Database Record and Making Input Masks



With this [movie](#) we will show you how easily you can configure the stunning [Universal Form Validator PHP](#) to verify a field value in a database record, and how to make input masks giving your users an amazing experience.

Video: Adding Flexible and Professional Validation for your Forms



With this [movie](#) we will show you how easily you can configure the amazing [Universal Form Validator PHP](#) and add flexible and professional validation for your forms and gorgeous hints to your form fields to aid your users.

Video: Great Design Tooltips, Error messages and Hints in your Forms



With this [movie](#) we will show you some of the validation rules, tooltips, hints and error messages we've recently added to [Universal Form Validator PHP](#).