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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.

oser nume.	001112
E-mali	email@em
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

User Name Password Retype Password		
User Details		
First Name		
Last Name		
Gender	O Male O Female	
Date of Birth	YYYY/MM/DD	
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!

)	Ur Add S	iver Super Pov	sal Fon verful Validation	m Valic	dator		OK Cancel Help
Main	Validation	Inpu	t Masks T	ooltip Hints Me:	ssages Abo	out		
orm Fields			Validation	Control Name	Tupe	Darams	Required	
orm Fields form1.first_name form1.last_name			Validation	Control Name	Type All Formats	Params	Required	
form1.first_name form1.last_name form1.address			Validation Form ID form1 form1	Control Name	Type All Formats All Formats	Params	Required true true	
form1.first_name form1.last_name form1.address form1.zip_code form1.ziby	•		Validation Form ID form1 form1 form1	Control Name first_name last_name zip code	Type All Formats All Formats All Formats	Params	Required true true true	



• 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.

	Ur Add S	Super Powerful Validation to Your Forms!	DINX zone
Main	Validation Input	t Masks Tooltip Hints Messages About	
Validation Er	rror Messages es	· · · · · ·	
Language:	Spanish 🗸	Update Language File	
	German English Spanish Finnish French	e no coincide con el valor almacenado en el período de sesiones. sólo letras.	
	Dutch	sólo caracteres alfanuméricos.	
	disallowedcond Los car	s caracteres {U} se permite. racteres {0} no son permitidas.	•
Message:	The characters {0} are	not allowed.	
Message Place	ment		





• 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

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iource Code	dmxValid	dator.asp jque	ry.min.js jquer	y.inputHintBox.js	jquery.ma	skedinput-	1.2.2.15)	query.validate.	min.js (
Code	Spik	Design	Live View	Allercose	Title: CS	S Form		82. 6) C
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177	ogin D	otaile							
	Jugin D	retails							
You	can hay	ve simple us	ers Login v	alidation acc	rding to	your ru	les for ti	ne passwo	rd
an In	userna	me (exact le	rigui or ure	password	a userna	(ne)			
		Usemame	(form.login	}					
		Bernard	1						
1		Password	(form.pass	word}					
Erro	or Messa	age for field	Error Mes	sage for fiel	d: As we	Il as ch	eck if tw	o fields ma	atch
('pa	ssword".		"password	1".	each o	other.			
	Retype	Password	(form.pass	word2}					1
	rhisses	an for field	-Error Mar	coop for fiel	2				!
	1 0/04/5/52	ade tot tield:	Entormes	sage for her	U:				
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You allor	ssword2 can che wed.	ck the leng	th of a text	entered in 1	the text a	er De irea - h	tails ere 50 d	haracters (are
£rro {'pa You allo	ssword2 i can che wed.	eck the leng Bic	(form.bio)	entered in t	.≟ Us the text a	er De irea - h	tails ere 50 d	haracters (are
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You allo	ssword2 i can che wed. cking th	eck the leng Bio e Country r Country Car	(form.bio) (form.bio) nay set ano Netherlands Mercedes	entered in t ther field to	e Us a predefi	er De irea - h	tails ere 50 d v ate.	haracters (are
ryou allou	ssword2 can che wed. cking th	eck the leng Bio e Country r Country Car Agreement	(form.bio) (form.bio) nay set ano Netherlands Mercedes	entered in t	a predefi	er De irea - h	tails ere 50 d ate.	haracters (are
Enro You allo	ssword2 i can che wed. :cking th User	eck the leng Bio e Country r Country Car Agreement	(form.bio) (form.bio) nay set ano Netherlands Mercedes	entered in t	a predefi	er Dei irea - h	tails ere 50 d Ate,	haracters (are
t_rr(*pa You allo Che	ssword2 i can che wed. cking th User	ck the leng Bio e Country r Country Car Agreement fieldset> <legen< td=""><td>(form.bio) (form.bio) nay set ano Netherlands Mercedes</td><td>entered in t ther field to</td><td>a predefi</td><td>er Dei irea - h</td><td>tails ere 50 d ete.</td><td>haracters (</td><td>are % * 88</td></legen<>	(form.bio) (form.bio) nay set ano Netherlands Mercedes	entered in t ther field to	a predefi	er Dei irea - h	tails ere 50 d ete.	haracters (are % * 88
Eff(pailor you allor Che ody> <form ROPERTIES</form 	ssword2 i can che wed. cking th User	ck the leng Bio e Country r Country Car Agreement fieldset> <legen< td=""><td>(form.bio) (form.bio) nay set ano Netherlands Mercedes () agree</td><td>entered in t</td><td>a predefi</td><td>er Dei irea - h ned sta</td><td>tails ere 50 d ete.</td><td>haracters (</td><td>are % • 88</td></legen<>	(form.bio) (form.bio) nay set ano Netherlands Mercedes () agree	entered in t	a predefi	er Dei irea - h ned sta	tails ere 50 d ete.	haracters (are % • 88
Che ody> <form ROPERTIES D HTML</form 	ssword2 i can che wed. cking th User iform1> < Format	ck the leng Bio e Country r Country Car Agreement fieldset> <legen< td=""><td>(form.bio) (form.bio) nay set ano Netherlands Mercedes d> Class</td><td>ther field to</td><td>a predefi</td><td>ier De irea - h ined sta</td><td>tails ere 50 d ate.</td><td>haracters (</td><td>are % * 88</td></legen<>	(form.bio) (form.bio) nay set ano Netherlands Mercedes d> Class	ther field to	a predefi	ier De irea - h ined sta	tails ere 50 d ate.	haracters (are % * 88

• 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.

f Element:	form1.first_name	~	=	~		*
Action:	None	~	=	:	fieldset0	Y
Effect:	Plain Show / Hide	4	5		Normal	*



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 <u>read this</u>.

Installing the extension

Read the tutorial at <u>http://www.dmxzone.com/ShowDetail.PHP?NewsId=4671</u>

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 <u>http://www.adobe.com/exchange/em_download/</u>

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

If you experience problems please read the FAQ at <u>http://www.dmxzone.com/index.PHP?TypeId=7&CatId=687</u> 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

 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 <u>HERE</u>.

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:

		🛒 Checkout						
Billing Information								
First Name *	{form.first_name}							
Last Name *	{form.last_name}							
Address *	{form.address}							
Zip Code *	{form.zip_code}							
City*	{form.city}							
Credit Card Informat [Credit Card Number] [Expiry Date]	Credit Card Information (required) Credit Card Number: {form.CCNo} Expiry Date:Month /Year /							
Additional Informatio	n							
Contact Email;	{form.contactEmail}							
Special Notes;	{form.notes}							
Send Secure Form >>								

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:

Universal Form Val	idator PHP				
Main Va	Universal Fo Add Super Powerful Valida	nto Your Forms Messages Abo			OK Cancel Help
Selleral Name:	-decrementer				
Validation	dmxvall				
When to validate					
On Field Change:	V	On Form Submit:			
Form Styling					
Element Focus Style					
Styling:	💽 Specify Style	O Use CSS Class:			
Border Style:	Groove	Border Color:	#C3D9FF	Size: 1	
Bg Color:	#FFFFFF	Text Color:	#000000		
Element Valid Style	(m)				
Styling:	💽 Specify Style	O Use CSS Class:			
Border Style:	Groove	Border Color:	#00FF00	Size: 1	
Bg Color:	#FFFFFF	Text Color:	#000000		
Element Invalid Style					
Styling:	💽 Specify Style	O Use CSS Class:			
Border Style:	Groove	Border Color:	# FF0000	Size: 2	
Bg Color:	#FFFFFF	Text Color:	#000000		
Context Help					
0					
					1

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.

	Main	Validation	Input Masks	Tooltip Hints	Messages	About	
Gei	neral						
	elative 🖸 Absolute						
			Copyright © To g	2009 DMXzono get more go to Page 1	e.com All Righ o DMXzone.co 2 of 46	nts Reserved om	I



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:	focusStyle	
Border Style:	Solid	Border Color:	#990033	Size: 1
Bg Color:		Text Color:	#000000	
Element Valid Style				
Styling:	🔘 Specify Style	💽 Use CSS Class:	validStyle	
Border Style:	Groove	Border Color:	#00FF00	Size: 2
Bg Color:	#FFFFFF	Text Color:	#000000	
Element Invalid Style				
Styling:	🔘 Specify Style	💽 Use CSS Class:	errorStyle	
Border Style:	Groove	Border Color:	#FF0000	Size: 2
Bg Color:	#FFFFFF	Text Color:	#000000	

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.



Main Validation Inpu	it Masks Too	Itip Hints Mess	sages	About			
Form Fields Form1.first_name form1.last_name form1.address form1.zip_code form1.city form1.CCNo form1.contactEmail form1.notes	Validation R	Control Name	Туре	Pare	ams	Required	[
	Validation R	ule]
	Rule:	All Formats	*	Required:			
	Use Cus Message:	tom Error Messa	ige				
	Conditio	nal					
	If Element:	form1.first_nar	ne 🔽	has Value:			
	Action:	None	~	Container:	fieldset0	~	
	Effect:	Plain Show / Hi	de 💙	Speed:	Normal	×	
Context Help							
No specific validation on input for	mat, use this f	or making a field	l required or	aly.			

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

Main	Validation	Input M	1asks	Tooltip Hints	Mes	sages	About		
Form Fields Validation Rules									
form1.first_name form1.last_name form1.address form1.zip_code form1.city form1.cCNo form1.contactEmai form1.notes			orm ID rrm1	Control M contactE	vame mail	Type Email		Params	Required true

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

We set the $\ensuremath{\textit{Validation Rule}}$.

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.

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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.

	Main	Validation	Inpu	t Masks	Tooltip H	lints M	essages	About			
Fo	rm Fields			Validati	on Rules						
<mark>ն</mark> հ հ հ հ	orm1.first_name orm1.last_name orm1.address orm1.zip_code orm1.city orm1.cCNo orm1.cOntactEm orm1.notes	ail	•	Form ID form1 form1 form1 form1 Kalidati	Cor first last add zip_ city	ntrol Name name name lress _code	All Formats All Formats All Formats All Formats All Formats	5	Params	R tr tr tr	
				F	tule: All	Formats	*	Requ	ired: 🔽		

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	Туре	Par	rams	Requirec 🔨
form1	address	All Formats			true
form1	zip_code	All Formats			true 📃
form1	city	All Formats			true 📒
form1	CCNo	Visa			true
form1	contactEmail	Email		1	true 🞽
<					>
Validation R	ule				
Rule:	Creditcard	~	Required	I: 🔽	
Card Type:	All Formats Remote Exists In Data Email	base			
Use Cus	Date Date(ISO) Number				
Message:	Digits				
Conditio	Creditcard Maximum leng Minimum lengt Length Range	th h			
If Element:	Maximum (nur Minimum (num	nerical) erical)	has Value:		
Action:	Range (numer Equal To	rical)	Container:	fieldset0	~
Effect:	Indir Brow / I		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	Туре	Params	Requirec 木
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 🚩
<		1111		
Validation R	ule			
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	Туре		Para	ams	Required	^
	form1	zip_code	All Formats				true	
	form1	city	All Formats				true	-
	form1	CCNo	All Formats				true	
1	form1	contactEmail	Email				true	
								×
							/	ļ.
	Validation R	ule						
	Rule:	Email	*	Requi	red:	~		
	2	All Formats Remote Exists In Data	base					
	2	Email						
	Use Cus	Date Date(ISO)						
	Message:	Digits Creditcard						
	Conditio	Maximum leng Minimum lengt Length Range	th h					
	If Element:	Maximum (nun Minimum (num	nerical) erical)	has Va	lue:]
	Action:	Range (numer Equal To Eiletypes	ical)	Contair	ner:	fieldset0	~	
	Efforts	n necypes		Spa	od.	Normal	1.1	



8. Your result should look like this in Dreamweaver:

Code 🚰 Split 📴 Des	ign 🛛 🗾 Live View 🔻	Live Code	Title: ValidatorASP Den	no 🥼
			Checkout	
Billing Information				
First Name *	{form.first_name}			
Error Message for field "first_name"				
Last Name *	{form.last_name}			
Error Message for				
field "last_name".				
Address*	{form.address}			
Error Message for field "address".				
Zip Code *	{form.zip_code}			
Error Message for field "zip_code".		1		
City*	{form.city}			
Error Message for field "city".				
Credit Card Informat	iion (required)			
Credit Card Number;	{form.CCNo}			
Error Message for field "CCNo".				
Expiry Date	Month	▼ /Year	•	
Additional Informatio	in			
Contact Email:	{form.contactEmail}			
<pre>Error Message for chody> <fieldset#fieldset0> <for <="" pre=""></for></fieldset#fieldset0></pre>	rm#form1> <fieldset> <</fieldset>	0>		

and like this in your browser:



— 🛒 Chec	kout	
Billing Information		
First Name *		
Last Name *		
Address *	5	
Zip Code *		
City*		
Credit Card Informa	tion (required)	
Credit Card Number:	46546	
	Please enter a valid	
Evening Deter	VISA card number.	
Expiry Date.	-Month-	
Additional Informatio	on	
Contest Empili	Altria in a tan ann ail	
Contact Email.	Dioaco ontor 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.

Dw File Edit View Insert Modify Format Commands Site Window Help 🛛 🖬 🕶 🖧 🕶	
🛛 Common 🗸 🛛 🔌 🚟 🗮 🖽 🖃 🔹 💁 🧔 🗠 🗸 🖘 👘 🔛 🗠 🗸 🖘 👘	2 <mark>2</mark>
index.asp* × Path: C:\Documents and Settings\Tanq\Deskt	op\D
Source Code jquery.min.js jquery.inputHintBox.js jquery.maskedinput-1.2.2.js jquery.validate.min.js dmx.jquery.validate.	js
💽 Code 🚔 Split 📴 Design 📝 Live View 🔻 🐼 Live Code 🛛 Title: CSS Form 🥀 🚱 🧭	i
Login Details You can have simple users Login validation acording to your rules for the password and username (exact length of the password or username) Username: Password: Password: As well as check if two fields match each other. Retype Password:	

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:

Universal Form Val	idator PHP				×
Main Va	Universe Add Super Powerf	p Hints Messages Abc	lator ^{sl}		OK Cancel Help
General					
Name:	dmxval1				
When to validate					
On Field Change:	V	On Form Submit:			
Form Styling					
Element Focus Style					
Styling:	💽 Specify Style	🔘 Use CSS Class:			
Border Style:	Groove	Border Color:	#C3D9FF	Size: 1	
Bg Color:	#FFFFFF	Text Color:	#000000		
Element valid Style	0	~			
Styling:	Specify Style	Use CSS Class:			
Border Style:	Groove	Border Color:	#00FF00	Size: 1	
Bg Color:	#FFFFFF	Text Color:	#000000		
Element Invalid Style					
Styling:	Specify Style	O Use CSS Class:			
Border Style:	Groove 🖌	Border Color:	# FF0000	Size: 2	
Bg Color:	#FFFFFF	Text Color:	#000000		
Context Help					
0					
					1

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.

	Main	Validation	Input Masks	Tooltip Hints	Messages	About	
Ger	neral						
Name: dmxval1				Pat	h type: 🧿 R	elative 🖸 Absolute	



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

Tulluucion	
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		O Use CSS Class:		
Border Style:	Solid	~	Border Color:	#36393D	Size: 1
Bg Color:	#36393D		Text Color:	#36393D	
Element Valid Style					
Styling:	💽 Specify Style		O Use CSS Class:		
Border Style:	Solid	*	Border Color:	#36393D	Size: 1
Bg Color:	#36393D		Text Color:	#36393D	
Element Invalid Style					
Styling:	💽 Specify Style		O 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.



Universal Form Validator PHP	
Main Validation Input	Image: Super Powerful Validation to Your Forms! It Masks Tooltip Hints Messages About Validation Rules
form1.first_name form1.last_name form1.address form1.cip_code form1.city form1.cCNo form1.contactEmail form1.notes	Form ID Control Name Type Params Required
	Validation Rule
	Rule: All Formats 💌 Required: 🔽
	Use Custom Error Message
	Message:
	Conditional
	Action: None Container: fieldset0
	Effect: Plain Show / Hide V Speed: Normal V
Context Help	
No specific validation on input for	mat, use this for making a field required only.

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



	Main	Validation	Input Masks	Tooltip Hint	s Messages	About		
Fo	rm Fields		Valida	tion Rules				
6 6 6 6	orm1.login orm1.password orm1.password2 orm1.agree orm1.gender orm1.support orm1.bio		≥2	D Contro	ol Name Type		Params	Required
			Valida	ition Rule Rule: All Fo	rmats	💌 Req	juired: 🔽	

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

We set the $\ensuremath{\textit{Validation Rule}}$.

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*.

	Main	Validation	Input Masks	Tooltip Hints	Messages	About		
Foi	m Fields		Validati	on Rules				
fo	rm1.login		Form ID) Control N	Name Type	F	Params	Required
fo	rm1.password		form1	password	d All Form	iats		true
fe	rm1.password2 rm1.agree	2	form1	password	d2 All Form	iats		true
fo fo fo	orm1.gender orm1.support orm1.bio		•					

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*.



	Main	Validation	Inpu	t Masks	Tooltip Hints	Messages	About		
Form F	ields			/alidati	on Rules				
form1. form1. form1. form1. form1. form1.	login password password2 agree .gender .support .bio		▶ 1 ∢	Form ID form1 form1	Control N password password	Vame Type d All Form d2 Equal To	nats D	Params password	Required true true
				Validati F Equa	ion Rule Rule: Equal To I to: [form1.p	assword	 Requi 	red: 🔽	

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"

Use Cus	tom Error Message	
Message:	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.

Main	Validation	Input Masks	Tooltip Hints	Messages	About	
orm Fields		Masks				
form1.login form1.password form1.password2 form1.agree form1.gender form1.support form1.bio) 1	Form ID form1	Control	Type ssn	Mask Austria(SSN)	
1		Mask O	ptions			
			3 Type:	SSN	*	

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



Mask Options	
Type:	SSN 🗸
Format:	Austria(SSN)
Custom:	Austria(SSN) Belgium(NN) Delsevia (USU)
	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)

get an error message.

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

So far, your result should look like this:

and username (exact l	ength of the password or username)
Decoword	passwordono
As well as check if two	fields match each other.
Retype Password	passwordtwo
Submit 2	
Submit 2	

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 Val	idator PHP	
	Universal Form Validator Add Super Powerful Validation to Your Forms!	OK Cancel Help
Main Va	Ilidation Input Masks Tooltip Hints Messages About	
General		
Name: Validation	dmxval1	
When to validate		
On Field Change:	On Form Submit: 🔽	
Form Styling		
Element Focus Style		
Styling:	O Specify Style O Use CSS Class:	
Border Style:	Groove Border Color: 🗾 #C3D9FF Size: 1	
Bg Color:	Text Color: #000000	
Element Valid Style		
Styling:	Specify Style O Use CSS Class:	
Border Style:	Groove Border Color: #00FF00 Size: 1	
Bg Color:	#FFFFFF Text Color: #000000	
Element Invalid Style		
Styling:	Specify Style Use CSS Class:	
Border Style:	Groove Border Color: 📕 #FF0000 Size: 2	
Bg Color:	#FFFFFF Text Color: #000000	
Context Help		
0		
4		
		1

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.



	Main	Validation	Input Masks	Tooltip Hints	Messages	About	
Fo	rm Fields		Input Hi	nts			
f f f f f	orm1.login orm1.password orm1.password2 orm1.agree orm1.gender orm1.support orm1.support	1	Form ID form1	Control agree 3	Hint Mark this box i	f you agree wi	ith our terms
		4	Hint:	lark this box if y	you agree with	our terms	×

3. Set the Hintbox Markup.

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

Hintbox M	arkup					
	Preset:	blue	~	(Enter your name he	ere
Font	Family:	Arial	~	Size: 12	Color: 🜉 #008C00	_ B <i>I</i>
Border	Style:	Solid	~		Color: 💻 #000000	
Hintbox	Icon:	Custom	*		S	Browse
	Width:	200			Bg Color: 📕 #FFFF88	
	Position:	Above Field	~			

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.



Main Validation Input Masks Tooltip Hints Messages About Validation Error Messages Edit Messages Language: English Image: Colspan="2">Update Language File Rule Message Image: Colspan="2">Message Rule Message Image: Colspan="2">Message Rule Message Image: Colspan="2">Message File Rule Message Image: Colspan="2">Message File Rule Message Message Image: Colspan="2">Message: Colspan="2">Message: Colspan="2">Message: Colspan="2">The characters {0} are not allowed. Message: The characters {0} are not allowed. Image: Colspan="2">Message Placement Location: Tooltip Preset: error_five This field is required! Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Border Style: Sold Size: 1 Color: #FFF0000 Error_five Error_five Error_five Error_five #FFF0000 Error_five Error_five Error_five Error_five Error_five Error_five Error_five				Univ Add Sup	Versal I	Form lidation to	Valic Your Forms	ator		
Validation Error Messages Edit Message Language: English Update Language File 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 Orly the characters {0} are not allowed. Message: The characters {0} are not allowed. Message Placement Location: Tooltip Options Font Family: Arial< Size: I2 Color: #FFFFFF B I Border Style: Solid Size: Solid Browse Big Color: #FF0000 Position: Above Field 	Main	V	alidation/	Input Ma	asks Tooltip Hint	s Messag	es Abou	ıt		
Edit Messages Language: English Rule Message sessioncond The value does not match the value stored in the session. letterscond Please enter letters only. allowedcond Only the characters {0} are allowed. disallowedcond The characters {0} are not allowed. Message: Tooltip Options Font Family: Arial Size: 12 Color: Message: #FFFFFFF B I Be Color: Icon: Custom Custom Image: Be Color: Message: #FF0000 Position: Above Field	Validation E	rror Me	essages							
Language: English Lunguage: 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 The characters {0} are not allowed. Message: The characters {0} are not allowed. Message: The characters {0} are not allowed. Message: Tooltip P Preset: error_five This field is required! Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF J B J Border Style: Solid Size: 1 Color: #FFFFFF B J Border Style: Solid Size: 1 Color: #FFF0000 Font: Custom End: Border Style: Solid Size: 1 Color: #FFF0000 Font: Above Field Context Help	Edit Messag	es								
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: The characters {0} are not allowed. Message: The characters {0} are not allowed. Message Placement Location: Tooltip Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B J Border Style: Sold Size: 1 Color: #FFF0000 Icon: Custom Position: Above Field	Language:	English	h	~			Update L	anguage File		
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: The characters {0} are not allowed. Message Placement Location: Tooltip V Preset: error_five V This field is required! Tooltip Options Font Family: Arial V Size: 12 Color: #FFFFFF B I Border Style: Solid V Size: 1 Color: #FFFFFFF B I Tooltip Width: 200 Bg Color: #FFF0000 Position: Above Field V Context Help		Rule		Message						~
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: The characters {0} are not allowed. Message Placement Location: Tooltip Tooltip Options Font Family: Arial Font Family: Arial Size: 12 Color: #FFFFFF B Icon: Custom Custom Image: Size: 1 Color: Big Color: #FF0000 Position: Above Field		sessio	ncond	The value	does not match	he value sto	red in the ses	sion.		
alphanumeric Please enter alphanumeric characters only. allowedcond Only the characters {0} are allowed. disallowedcond Message: The characters {0} are not allowed. Message Placement Location: Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Size: 12 Color: #FFF0000 Position: Above Field Context Help		letters	scond	Please ent	ter letters only.					
allowedcond Only the characters {0} are not allowed. disallowedcond The characters {0} are not allowed. Message: The characters {0} are not allowed. Message Placement Location: Tooltip Tooltip Options Font Family: Arial		alphar	numeric	Please ent	ter alphanumeric	characters o	nly.			
Message: The characters (0) are not allowed. Message: The characters (0) are not allowed. Message Placement Location: Tooltip Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Border Style: Solid Size: 1 Color: #FF0000 Position: Above Field		allowe	dcond	Only the c	haracters {0} are	e allowed.				
Message: The characters {0} are not allowed. Message Placement Location: Tooltip Preset: error_five This field is required! Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Sorder Style: Solid Size: 1 Color: #FFFFFF B I Location: Custom Error Browse Tooltip Width: 200 Bg Color: #FFF0000 Position: Above Field Context Help		uisailo	weacona	The chara	cters {0} are not	anoweu.				~
Message Placement Location: Tooltip Preset: error_five This field is required! Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFFF B I Border Style: Solid Size: 1 Color: #FFFFFFF B I Tooltip Width: 200 Position: Above Field Context Help										
Location: Tooltip Preset: error_five Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Border Style: Solid Size: 1 Color: #FF0000 Icon: Custom Position: Above Field Context Help	Message:	The d	haracters .	/0] are po	tallowed					
Location: Tooltip Preset: error_five This field is required! Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B Border Style: Style: Solid Solid Size: 1 Color: #FFF0000 Position: Above Field Context Help	Message:	The d	haracters	{0} are no	t allowed.					
Tooltip Options Font Family: Arial Size: 12 Color: #FFFFFF B I Border Style: Solid Size: 1 Color: #FF0000 Icon: Custom Image: Color: #FF0000 Browse Tooltip Width: 200 Bg Color: #FF0000 Position: Above Field Image: Context Help	Message: Message Place	The d	haracters ·	{0} are no	t allowed.					
Font Family: Arial Size: 12 Color: #FFFFFF B I Border Style: Solid Size: 1 Color: #FF0000 I Icon: Custom Image: Custom Image: Custom Image: Color: #FF0000 Image: Custom Image: Custom <t< td=""><td>Message: Message Place Location:</td><td>The dement</td><td>haracters (</td><td>{0} are no</td><td>t allowed. eset: error_fiv</td><td>e 🗸</td><td>This f</td><td>ield is requ</td><td>ired!</td><td></td></t<>	Message: Message Place Location:	The dement	haracters ({0} are no	t allowed. eset: error_fiv	e 🗸	This f	ield is requ	ired!	
Border Style: Solid Size: 1 Color: #FF0000 Icon: Custom V Tooltip Width: 200 Bg Color: #FF0000 Position: Above Field V Context Help	Message: Message Place Location: Tooltip Opti	The dement Tooltip	haracters ({0} are no	t allowed. eset: error_fiv	e 🗸	This f	ield is requ	ired!	
Icon: Custom Icon: Custom Tooltip Width: 200 Position: Above Field	Message: Message Place Location: Tooltip Optio Font Fa	The dement Tooltip	haracters ·	{0} are no	t allowed. eset: error_fiv Size	e 🗸	Color:	ield is requi	ired! B	I
Icon: Custom	Message Place Location: Tooltip Optio Font Fai Border s	The dement	haracters -	{0} are no	t allowed. eset: error_fiv	e 🗸	Color:	ield is requi	ired! B	1
Tooltip Width: 200 Bg Color: FF0000 Position: Above Field Context Help	Message: Message Place Location: Tooltip Optio Font Fai Sorder S	The dement Tooltip ons mily: [4 tyle: [5]	haracters -	{0} are no Pr	t allowed. eset: error_fiv] Size Size	e 🗸	Color:	ield is requi #FFFFFF #FF0000	ired! B	
Position: Above Field Context Help	Message Place Location: Tooltip Optio Font Fai Border S I	The dement Tooltip mily: tyle: con: C	haracters -	{0} are no Pr	t allowed. eset: error_fiv] Size] Size	e v : 12 : 1	Color:	ield is requi #FFFFFF #FF0000 Browse)	ired! B	
Context Help	Message Place Location: Tooltip Optio Font Fai Border S I Tooltip	The dement Tooltip mily: tyle: con: Width:	Arial Custom	{0} are no Pr	t allowed. eset: error_fiv] Size] Size	e v	Color:	ield is requi #FFFFFF #FF0000 Browse)	ired! B	I
0	Message Place Location: Tooltip Optio Font Fai Border S I Tooltip	The dement Tooltip ons mily: tyle: con: Width: osition:	Arial Solid 200 Above Fi	{0} are no Pr	t allowed. eset: error_fiv Size Size	e v	Color:	ield is requi	ired! B	
	Message Place Location: Tooltip Optio Font Fai Border S I Tooltip Po Context He	The dement Tooltip ons mily: tyle: con: Width: osition: lp	Arial Solid Custom 200 Above Fi	{0} are no Pr	t allowed. eset: error_fiv Size Size	e v	Color:	ield is requi	ired! B	1

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.



Loca	tion: Belo	w Form	✓ Preset:	error_five	~		
Validati	on Repor	t					
Font	Family:	Arial	~	Size: 12	Color:	#FFFFFF	BI
Border	Style:	Solid	~	Size: 1	Color:	#000000]
	Icon:	Custom	~			Browse)
н	eader Text	t:			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	🗹 l agree	Mark this hav if you agree with our							
Gender	○ Male								



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.

Validati	ion Rules				
Form II form1 form1	D Control Na login login	ame Type All Form All Form	ats ats	Params	Required true true
Validat F Us Mess If Elen	ion Rule Rule: All Forma All Forma Remote Exists In I Email URL URL Date Date Date(ISO Amage Indition Indition Range (ni Equal To	ts ts Database) d length ength ange (numerical) (numerical) umerical)	Requir	ed: 🔽	
	Validation	Form ID Control Nation form1 login form1 login form1 login validation Rule Rule: Rule: All Forma Remote Exists In Email URL Date Date(ISO) Number Message: Digits Creditcar Maximum Minimum I Action: Equal To Effect: Filetypes	Form ID Control Name Type form1 login All Form form1 login All Form form1 login All Form Validation Rule Rule: All Formats Remote Exists In Database Email URL Date Date Date Date Date(ISO) Number Digits Creditcard Maximum length Length Range Maximum (numerical) If Element: Maximum (numerical) Range (numerical) Action: Equal To Filetypes	Form ID Control Name Type F form1 login All Formats form1 login All Formats validation Rule Rule: All Formats Rule: All Formats Requir All Formats Requir All Formats Requir Use Cut Date Date Date Date Date Digits Creditcard Maximum length Length Range If Element: Maximum (numerical) Maximum (numerical) Range (numerical) Equal To Effect:	Form ID Control Name Type Params form1 login All Formats Formats form1 login All Formats form1 login All Formats validation Rule Required: Image: Control Name Validation Rule Image: Control Name Required: Validation Rule Image: Control Name Image: Control Name Validation Rule Image: Container Image: Container Validation Rule Image: Container Image: Container Validation Rule Image: Container Image: Container If Element: Filetypes Speed: Normal

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

Main	Validation	Inp	ut Masks	Tooltip Hints	Messages	About			
Form Fields Validation Rules									
form1.login			Form ID	Control N	lame Type	Pa	rams F	lequired	
form1.password			form1	login	All Forma	its	t	rue	
form1.password2			form1	login	All Forma	its	t	rue	
form1.gender form1.support form1.bio		•							



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

Validation Ru	ile			
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:		Ø					

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

٧	alidation Ru				
	Rule:	Email	*	Required: 🔽	

URL – validate a link

Va	Validation Rule								
	Rule:	URL 🗸	Required: 🔽						



Date - validate a date

Validation Rule								
Rule:	Date 🗸	Required: 🔽						

Date(ISO) - validate a date

	Validation Rule								
	Rule:	Date(ISO) 🗸 🗸	Required: 🔽						
l									

Number - validate a number

Validation Rule								
Rule: Number 🖌 Required: 🔽								
ľ								

Digits - validate digits

Validation Rule								
Rule:	Digits 🗸	Required: 🗹						

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:	Creditcard	~	Required: 🔽			
Card Type:	Mastercard Visa	*				

Maximum Length - check for a specific maximum number of symbols

Validation Rule						
Rule:	Maximum length 🛛 🗸	Required: 🔽				
Max length:	10					



Minimum Length - check for a specific minimum number of symbols

Validation Rule						
Rule:	Minimum length 🛛 😽	Required: 🔽				
Min length:	5					

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

Validation R	Validation Rule							
Rule:	Length Range 🛛 🗸	Required:						
Min length:	5	Max length:	10					

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

Validation R	Validation Rule							
Rule:	Maximum (numerical 🗙	Required: 🔽						
Max value:	100							

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

Validation Rule						
Rule:	Minimum (numerical) 🗸	Required: 🔽				
Min value:	0					

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

Validation Ru	Validation Rule							
Rule:	Range (numerical) 💙	Required:						
Min value:	0	Max value:	100					



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

Validation Rule						
Rule:	Equal To	¥	Required: 🔽			
Equal to:	form1.password	*				
	form1.login					
	form1.password					
	form1.password2					
	form1.agree					
Use Cust	form1.gender					
	form1.support					
Message:	form1.bio					

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 Ru	le			
Rule:	Filetypes	*	Required:	
Filetype:	Images	*	Extensions:	jpg jpeg gif png bmp
	Images			
	Audio			
	Video			
Use Cus	Custom			
	-			

IBAN - validate an IBAN number

Validation R	ule			
Rule:	IBAN	*	Required: 🔽	

VAT number - validate a VAT number

Validation R	ule			
Rule:	VAT number	~	Required: 🔽	

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

	215 214	(2000)	222 231 223 22328	
Rule:	Minimum required	~	Required: 🔽	
Min				
numberi	12			



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

Rule:	Maximum required 🛛 👻	Required: 🔽
Max mber:	5	1

Session variable - check a field against preset session variable

	1		
Rule:	Session variable	Required	: 🗹
Variable:			

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

Rule:	Letters	*	Required: 🔽	
	571 			

Alphanumeric characters - check that only alphanumeric characters has been used



Allowed characters -allowes only the characters that has been defined in the Characters field

Validation Ru	le		
Rule:	Allowed characters 💉	Required: 🔽	
Characters:	Insert any chars you like		
Characters:	Insert any chars you like		

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

Rule:	Disallowed character 🗙	Required: 🔽	
Characters:	Insert any chars you like		



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.

222-	100 - 100 - 100		N2 N2 D	0	
If Element:	Form1.login	Y	has Value:		
Action:	None	Y	Container:		4
Effect:	Plain Show / Hide	v	Speed:	Normal	~

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		
Туре:	Date 🗸	
Format:	mm-dd-yy 🔽	
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	
Туре:	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	
Туре:	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		
Туре:	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	
Туре:	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		
Туре:	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			
Туре:	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 Opt	tions		
	Type:	Custom Mask	~
	Format:	Austria(SSN)	V
	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: Zzzz

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:

Font	Family:	Arial	~	Size: 12	Color:	#FFFFFF	В І
Border	Style:	Solid	~	Size: 1	Color:	#000000]
	Icon:	Custom	~			Browse)

Below Form:

Message	Placement						
Loca	tion: Belo	w Form 😽	Preset:	error_five	~		
Validati	on Repor	t					
Font	Family:	Arial	~	Size: 12	Color:	#FFFFFF	BI
Border	Style:	Solid	~	Size: 1	Color: 💻	#000000]
	Icon:	Custom	~	8.0		Browse	J
Н	eader Tex	t:			Footer Text:		
	List Style	e: Unordered	~		Container:		~



Above Form:

Message	Placement						
Loca	tion: Abo	ve Form	Preset:	error_five	~		
Validati	on Repor	t					
Font	Family:	Arial	~	Size: 12	Color:	#FFFFFF	BI
Border	Style:	Solid	~	Size: 1	Color: 📕	#000000]
	Icon:	Custom	~	**		Browse)
Н	eader Text	:			Footer Text:		
	List Style	: Unordered	*		Container:		*

Existing in container:

Loca	tion: Exis	ting container	Preset:	error_five		~			
Validati	on Repor	t							
Font	Family:	Arial	~	Size:	12	Color: 🔼	#FFFFFF	В	I
Border	Style:	Solid	~	Size:	1	Color: 📕	#000000]	
	Icon:	Custom	~				Browse)	
н	eader Text	:				Footer Text:			
	List Style	: Unordered	~			Container:		*	



Toolti	n
TOOIU	D.
10011	μ.

Loca	tion: Tool	tip 🗸	Preset:	error_five	×	This field is re	quired!	
Tooltip	Options							
Font	Family:	Arial	~	Size: 12	Col	or:	В	I
Border	Style:	Solid	~	Size: 1	Col	or: 🜉 #000000		
	Icon:	Custom	~			Browse.		10.11
То	oltip Width	200			Bg	Color: 🗾 #FFFF	88	
	Position	: Above Field	~					

This field is required!	This field is required!
This field is required!	This field is required!
This field is required!	This field is required!



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



With this <u>movie</u> we will show you how easily you can configure the stunning <u>Universal Form</u> <u>Validator PHP</u> 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 <u>movie</u> we will show you how easily you can configure the amazing <u>Universal Form</u> <u>Validator PHP</u> and add flexible and professional validation for your forms and georgeous hints to your form fields to aid your users.

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



With this <u>movie</u> we will show you some of the validation rules, tooltips, hints and error messages we've recently added to <u>Universal Form Validator PHP</u>.