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About DMXzone Universal Form Validator ASP



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.	0011112
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	1
	Date of Birth	YYYY/MM/DD	12
	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!

		-			OTTTN \ Jation to You	Alidato	or			OK Cancel Help
Main Va	Idation	Inpu		Tooltp Hints	Messages	About				
myForm.FirstName			myForm myForm		Type Number Digits Filetypes	Params	Required true true	Condit	Condi	
myForm.shcheck myForm.Abum myForm.Year			- A Carl		. seripes	89.3×91				

• 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.



		Super Powerful Validation to Your Forms!	
Main	Validation Inpu	It Masks Tooltip Hints Messages About	
alidation Fr	ror Messages		
dit Messag			
Language:		Update Language File	
	Danish German English	e ue does not match the value stored in the session.	~
	Spanish	in the session.	
	Finnish French Dutch	enter alphanumeric characters only. e characters {0} are allowed.	
	disallowedcond The d	naracters {0} are not allowed.	~
Message:	The characters {0} are	e not allowed.	

• Great integration in Dreamweaver as a Server Behavior

	DATABASES	BINDINGS	SERVER I	BEHAVIORS
	+ Doc	ument type:AS	P VBScript	
	Recordset Command			dmxval1)
	Repeat Re Recordset Show Reg Dynamic T	- : Paging ion		uest.form.logi Request.forn e, Request.for
	Go To Det Go To Rel	ail Page ated Page	6	al view
	5.3	ecord	•	Size Ty Fo Fo Fo Fo Fo
Universal Form Validator ASP	DMXZone		•	Fo
OMXzone Paginator ASP	XSLT Tran	sformation		Fol
Iniversal Data Exporter ASP	New Serve	er Behaviors er Behavior Server Behavio		Fol Fol Fol



- 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

Common	- 1	a 🖸 🌡		🔳 · 🔞 · 🐧		3. 0.	🗈 - 🗊 🗐 I	38
ndex.asp >					Pa	th: CilDocument	s and Settings\Tang	Desito
Source Code	dmxValid	dator.asp jque	ry.min.js jquer	y.inputHintBox.js	jquery.maske	dinput-1.2.2.js	jquery.validate.min	ts de
Code	Spit	Design	Live View 👻	Allercose	Title: CSS Fo	orm	81. 6.	C
	CHERCE CALL		AND DESCRIPTION OF THE OWNER.					
1								
	ogin D	etails						1
							the password	1
and	usernar	me (exact le	ingth of the	password or	username	:)		
		Usemame	(form.login)				
		Password	(form.pass	Word				
En	or Moces	age for field		sage for field	An mall a	a should be be	wo fields match	
	ssword".	ige for field	"password		each oth		wo nelds matc	
	Retype	Password	(form.pass	word2)				
En				sage for field				1
	ssword2		"password		**********	Details		1
N/al	, con cha	di the leng	th of a tout	antarad in th			deservatore are	
	wed.	tok une leng	ut of a text	entered in tr	e text are	a - nere su	characters are	
		Βία	{form.bio}			~		
		DIG	C. C			×		
Che	ecking th	e Country r	nay set ano	ther field to a	predefine	d state,		1
1		Country	Netherlands					
		Car	Mercedes					
1								
		Agreement					1000 C	1
1	n#form1> <	fieldset> <legen< td=""><td>d></td><td></td><td></td><td>1</td><td>t 👌 🔍 100%</td><td>× 88</td></legen<>	d>			1	t 👌 🔍 100%	× 88
the state of the s	s 1							_
ROPERTIE	and the second second	None	Class	None	- B /	IN 18 18 1	E Title	
the state of the s	Format ID	None None	Class Link	None	• B I		Target	



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 http://www.dmxzone.com/ShowDetail.asp?NewsId=4671

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

Get the latest extension manager from Adobe at <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.asp?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 ASP, 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 ASP 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 ASP 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	ion (required) {form.CCNo} Month	- •
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 ASP Server Behavior under the Server Behaviors tab.



	DATABASES BINDINGS SERV Document type:ASP VBSc	YER BEHAVIORS
	Recordset (Query) Command	dmxval1)
	Repeat Region Recordset Paging Show Region Dynamic Text	uest.form.log , Request.for e, Request.fo
	Go To Detail Page Go To Related Page	cal view
	Insert Record Update Record Delete Record Dynamic Form Elements User Authentication	Size T Fo Fo Fo Fo Fo Fo
Universal Form Validator ASP	DMXZone	P Fo
DMXzone Paginator ASP	XSLT Transformation	Fo
Iniversal Data Exporter ASP	Edit Server Behaviors New Server Behavior	Fo
	Get More Server Behaviors	F

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



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

Universal Form Va	lidator ASP	X
Main Va	Universal Form Validator Add Super Powerful Validation to Your Forms! alidation Input Masks Tooltip Hints Messages	OK Cancel Help
Name:	dmxval1 Path type: 💽 Relative 🔘 Absolute	
Validation		
When to validate		
On Field Change: Form Styling	On Form Submit: 🔽	
Element Focus Style		
Styling:	Specify Style Use CSS Class:	
Border Style:	Solid Border Color: \$\vert\$436393D Size: 1	
Bg Color: Element Valid Style	#36393D Text Color: 🜉 #36393D	
	⊙ Specify Style O Use CSS Class:	
Border Style:	Solid Border Color: 💻 #36393D Size: 1	
Bg Color: Element Invalid Style	#36393D Text Color: 📑 #36393D	
	Specify Style O Use CS5 Class:	
Border Style:		
Bg Color:		
Context Help		
②		
		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	
Gen	neral						
	Na	ame: dmxval	1		Pat	h type: 💽 p	elative 🔾 Absolut



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	\sim	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' 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.

Add Main Validation Inp	Super Powerful Validation to Your Forms!	Cancel Help
Form Fields	/alidation Rules	
form1.first_name form1.last_name form1.address form1.zip_code form1.city form1.CCNo form1.contactEmail form1.notes	Form ID Control Name Type Param	ns Required
	Validation Rule	
	Rule: All Formats 💽 Required: [
	Use Custom Error Message	
	Message:	
	Conditional	
	If Element: form1.first_name value:	
	Action: None 🗸 Container: fi	ieldset0
	Effect: Plain Show / Hide 💙 Speed: N	lormal
Context Help		
No specific validation on input fo	nat, use this for making a field required only.	

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



	3	Contraction of the second second		OTTO V lation to Your	alidator	
Main Form Fields	Validation	Input Masks Validati	Tooltip Hints	Messages	About	
form1.first_nam form1.last_nam form1.address form1.zip_code form1.city form1.CCNo form1.contactEr form1.notes	1	2 form1	Control f contactE		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. 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	it Masks	Tooltip Hints	Messages	About			
Fo	rm Fields			Validati	on Rules					
fo fo fo fo fo	orm1.first_name orm1.last_name orm1.address orm1.zip_code orm1.city orm1.cCNo orm1.contactEm orm1.notes		▶ ◀		Control I first_nam address zip_code city on Rule	ne All Forn All Forn : All Forn All Forn	nats nats nats nats nats	Params ired: 🔽	Requir true true true true	

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	1	Params	Requirec 木
form1	address	All Formats			true
form1	zip_code	All Formats			true 📃
form1	city	All Formats			true 📒
form1	CCNo	Visa			true
form1	contactEmail	Email			brue 🗡
Validation R	ule				
Rule:	Creditcard	~	Requir	ed: 🔽	
Card Type:	All Formats Remote Exists In Data Email	base			
Use Cu	URL Date Date(ISO)				
Message:	Number Digits Creditcard				
Conditio	Maximum leng Minimum lengt Length Range	:h			
If Element:	Maximum (nur Minimum (num	nerical) erical)	has Valu	Je:	
Action:	icqual to	rical)	Contain	er: fieldset0	~
Effect:	Filetypes		Spee	ed: 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 🔺
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:	V		
	2	All Formats Remote Exists In Data	base					
	2	Email						
	Use Cus	URL Date Date(ISO) Number						
	Message:	Digits Creditcard						
	Conditio	Maximum leng Minimum lengt Length Range	h					
	If Element:	Maximum (nun Minimum (num	nerical) erical)	has Va	lue:]
	Action:	Range (numer Equal To Filetypes	ical)	Contair		fieldset0	~	
	Efforts	n iecypes		Sec	od.	Normal	1.1	



8. Your result should look like this in Dreamweaver:

Code 🚰 Split 📴 Desi	gn 📝 Live View 🔻	Live Code	Title: ValidatorASP Dem	•
			Checkout	
Billing Information				
First Name *	{form.first_name}			
Error Message for field "first_name".				
Last Name *	{form.last_name}			
Error Message for	(101111111)			
field "last_name".				
Address *	{form.address}			
Error Message for field "address".				
Zip Code *	{form.zip_code}			
Error Message for field "zip_code".		'		
City*	{form.city}			
Error Message for field "city".				
Credit Card Informat	ion (required)			
Credit Card Number;	{form.CCNo}			
Error Message for field "CCNo".				
Expiry Date;	Month	▼ /Year	•	
Additional Informatio	n			
Contact Email;	{form.contactEmail}			
<pre>Error Message for <body> <fieldset#fieldset0> <fo< pre=""></fo<></fieldset#fieldset0></body></pre>	rm#form1> <fieldset> <!--</td--><td>n></td><td></td><td></td></fieldset>	n>		

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	
	VISA card number.	
Expiry Date:	-Month- Year-Y	
Additional Informatio	on	
Contact Email:	thisisnotanemail	
	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 ASP, 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 ASP 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 🕶 🛛 🔌 🚟 🗮 🗉 💶 🛛 🧔 🖬 🔛 😳 🖓 - 🗇 - 🖺 - 🐺 🜉 🚟	22
index.asp* × Path: C:\Documents and Settings\Tanq\Desk	top\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 ASP Server Behavior under the Server Behaviors tab.



	+ Document type:ASP VBSci Recordset (Query) Command	dm×val1)
	Repeat Region Recordset Paging Show Region Dynamic Text	 uest.form.log , Request.form e, Request.fo
	Go To Detail Page Go To Related Page	cal view
	Insert Record Update Record Delete Record Dynamic Form Elements User Authentication	Size Ty Fo Fo Fo Fo
Universal Form Validator ASP	DMXZone	E Fo
MXzone Paginator ASP	XSLT Transformation	Fo
iversal Data Exporter ASP	Edit Server Behaviors New Server Behavior	Fo
0	Get More Server Behaviors	Fo

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



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

Universal Form Val	dator ASP		X
	Universal For Add Super Powerful Validation dation Input Masks Tooltip Hints M		OK Cancel Help
General			
Name:	dmxval1	Path type: 💽 Relative 🔘 Absolu	ite
Validation When to validate			
On Field Change:	~	On Form Submit: 🔽	
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	
Context Help			
0			
			5

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	
Gen	eral						
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

*diludululi	
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
	#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.



Universal Form Validator ASP		×
Add Main Validation Inpu	It Masks Tooltip Hints Messages About	OK Cancel Help
form1.login form1.password form1.password2 form1.agree form1.gender form1.support form1.bio	Form ID Control Name Type Params Required	
	Validation Rule Rule: All Formats Required:	
	Use Custom Error Message Message:	
	Conditional	
	If Element: form1.login has Value: Action: Enable / Disable Container:	
	Effect: Plain Show / Hide Speed: Normal	
Context Help Select the field for which you war	nt to add a validation rule.	

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



	Main	Validation	Input Masks	Tooltip Hints	Messages	About		
Fo	orm Fields		Validat	ion Rules				
f f f	orm1.login orm1.password orm1.password2 orm1.agree orm1.gender orm1.support orm1.bio		≥2	D Control	Name Type	P	'arams	Required
	Validation Rule							
				Rule: All Form	nats	 Require 	ed: 🔽	

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				
Form Fields Validation Rules										
fo	rm1.login		Form ID	Control N	lame Type	F	^o arams	Required		
	rm1.password		form1	password	d All Forr	nats		true		
	rm1.password2 rm1.agree	-	form1	password	d2 All Forr	nats		true		
fo fo	rm1.gender rm1.support rm1.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	Fields			Validati	on Rules				
form form form form	1.login 1.password 1.password2 1.agree 1.gender 1.support 1.support	2	▶ 1 ∢	Form ID form1 form1	Control N password password	d All Form	ats	Params password	Required true true
1				F	ion Rule Rule: Equal To I to: form1.p		- Roqui	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 rorm1.password		Form ID form1	Control	Type ssn	Mask Austria(SSN))
form1.password2 form1.agree form1.gender form1.support	L	▶] ²				
form1.bio						
		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	
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)

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:

Username	length of the password or username) 3438613548	
Password	passwordone	
As well as check if t	o fields match each other.	
Retype Password	passwordtwo	

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 AS	P		
Ac	Jniversal Form Val dd Super Powerful Validation to Your For nput Masks Tooltip Hints Messages A		OK Cancel Help
	Dath tur	De: 💽 Relative 🔘 Absolute	
Name: dmxval1		Absolute	
When to validate			
On Field Change: 🔽	On Form Subm	nit: 🔽	
Form Styling			
Element Focus Style			
Styling: 🧿 Specify	Style 🛛 🔾 Use CSS Clas	ss:	
Border Style: Solid	Border Cold	or: 🜉 #36393D Size: 1	
	393D Text Cold	or: 📕 #36393D	
Element Valid Style	~		
Styling: 🧿 Specify	Style O Use CSS Clas	ss:	
Border Style: Solid	Border Cold	or: 📰 #36393D Size: 1	
Bg Color: 📰 #363	393D Text Cold	or: 🜉 #36393D	
Element Invalid Style			
Styling: 🧿 Specify	Style O Use CSS Clas	55:	
Border Style: Solid	Border Cold	or: 🜉 #36393D Size: 1	
Bg Color: 💻 #363	393D Text Cold	or: 🜉 #36393D	
Context Help			
0			
			Į.



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	
orm Fields		Input Hi	nts			
form1.password form1.password form1.agree form1.gender		form1	agree M 3	Mark this box if	you agree with our t	erms
form1.support form1.bio						

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	larkup				
	Preset:	blue	*	Enter	r your name here
Font	Family:	Arial	~	Size: 12 Color	or: 🜉 #008C00 B I
Border	Style:	Solid	~	Colo	or: 🔣 #000000
Hintbox	Icon:	Custom	*		Browse
	Width:	200		Bg Colo	r: 🗾 #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.

	3	Universal Form Validator	my.
	V	Add Super Powerful Validation to Your Forms!	bne
Main	1	Validation Input Masks Tooltip Hints Messages About	
Validation E	rror	Messages	
Edit Messag	jes		
Language:	Eng	glish VDpdate Language File	
	Rule		
	1.1	ericanexp Please enter a valid American Express cardnumber.	
		erscardcond Please enter a valid Diners Club cardnumber.	
	2.5	covercard Please enter a valid Discover cardnumber.	
	-	axexistscond Invalid value entered for this field.	
	aja		
Message:	Terr	valid value entered for this field.	
Message Plac	ement		
Location:	Тоо	oltip Preset: error_one This field is required!	
Tooltip Opti	ons		
Font Fa	mily:	Verdana Verdana Size: 10 Color: 📕 #CC3300 B	
Border S	tyle:	Solid Size: Color:	
1	icon:	Custom 🔽 🥼 "warning.png" Browse	
Tooltip W	idth:	Bg Color:	
Pos	ition:	: Above Field	
Context He	lp		
0			

You can also select the Location of your tooltip on your site.

You can read more about each type of location 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.**Border Size**, and **Border**



Color. Here are the settings we have chosen.

Location: Too	tip 🗸	Preset:	error_one	 This field is requir 	ed!
Tooltip Options					
Font Family:	Verdana	*	Size: 10	Color: 🜉 #CC3300	BI
Border Style:	Solid	~	Size:	Color:	
Icon:	Custom	-	"warning.pn	g" Browse	
Tooltip Width:				Bg Color:	
Position:	Above Field	*			

5. When you are done

Save your work and test it in your browser.

Checking the Country ma	ay 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 ASP.

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

Main Valio	dation Inp	out Masks Too	oltip Hints Me	ssages	About		
orm Fields		Validation R	tules				
form1.login		Form ID	Control Name	Туре	F	arams	Required
form1.password		form1	login	All Format	s		true
form1.password2 form1.agree		form1	login	All Format	s		true
form1.gender form1.support form1.bio	•						
form1.bio							
		Validation R	ule				
		Rule:		~	Require	ed: 🔽	
			All Formats Remote				
			Exists In Data Email	base	_		
			URL Date				
		Use Cu	Date(ISO)				
		Message:	Number				
		messaye:	Creditcard				
		Conditio	Maximum leng Minimum lengt	:h			
			LLength Range				
		If Element:	Minimum (num	ierical)	has Valu	e:	
		Action:	icqual to	rical)	Containe	er:	~
		Effect:	Filetypes		Spee	d: Normal	~

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



Universal Form Validator Add Super Powerful Validation to Your Forms!							
Main Fields	Validation	Inp	ut Masks Validati	Tooltip Hints	Messages	About	
form1.login			Form ID	Control I	Name Type	Params	Required
form1.password			form1	login	All Form	ats	true
form1.password2 form1.agree	8		form1	login	All Form	ats	true
form1.gender form1.support form1.bio		4					

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

Validation Ru	ule			
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

Validation Rule								
Rule:	Email	~	Required: 🔽					

URL – validate a link

Validati	Validation Rule							
R	ule:	URL	Required: 🔽					

Date - validate a date

Validati	Validation Rule						
F	Rule:	Date 🗸	Required: 🔽				

Date(ISO) - validate a date

V	Validation Rule					
	Rule:	Date(ISO)	Required: 🔽			

Number – validate a number

Validation R	ule		
Rule:	Number 😽	Required: 🗹	

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

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



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:	v		
Equal to:	form1.password	~				
	form1.login					
	form1.password					
	form1.password2					
	form1.agree form1.gender					
Se cus	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	ile		
Rule:	Filetypes 💊	Required:	
Filetype:	Images 💊	Extensions:	jpg jpeg gif png bmp
	Images		
	Audio Video		
Use Cus			

IBAN - validate an IBAN number

ation Ru	ule			
Rule:	IBAN	~	Required: 🔽	

VAT number - validate a VAT number

Validation Ru	le			
Rule:	VAT number	v	Required: 🔽	

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



Rule:	Minimum required	Required:	
Min			
Min umber:	12		

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

Rule:	Maximum required	Required: 🔽	
Max		-	
Max number:	5		

Session variable - check a field against preset session variable

alidation Ru	le		
Rule:	Session variable 🛛 💊	Required: 🔽	
Variable:			

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

tule: Letters 🛛 💙 Required: 🔽	Rule:	Letters	*	Required: 🔽
-------------------------------	-------	---------	---	-------------

Alphanumeric characters - check that only alphanumeric characters has been used

Rule:	Alphanumeric charae 💙	Required: 🔽
		-
Allow paces:		

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



Validation Ru	le		
Rule:	Allowed characters	Required: [v
Characters:	Insert any chars you like		

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

Validation Ru	le		
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.

		1000			
If Element:	Form1.login	Y	has Value:		
Action:	None	Y	Container;		14
Effect:	Plain Show / Hide	~	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 ASP.

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-vv	```````````````````````````````````````
	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		
Туре:	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)	~
	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 ASP.

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

Next to Field:

			_				
	es Style						
ont	Family:	Arial	*	Size: 1	2 Color:	#FFFFFF	BI
Border	Style:	Solid	~	Size: 1	Color:	#000000]
	Icon:	Custom	~	**		Browse]

Below Form:

Message	Placement								
Loca	tion: Belo	w Form 💊	Preset:	error_five	Y				
Validati	on Repor	t							
Font	Family:	Arial	*	Size:	12	Color:	#FFFFFF	В	Ι
Border	Style:	Solid	~	Size:	1	Color: 💻	#000000]	
	Icon:	Custom	~				Browse)	
Н	eader Text	:			Fo	oter Text:			
	List Style	: 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	t:				Footer Text:			
	List Style	: Unordered	*			Container:		*	



_	
Too	ltin
100	mp.

Loca	tion: Tool	tip 🗸	Preset:	error_five	This field is required!	
Tooltip	Options					
Font	Family:	Arial	*	Size: 12	Color: 📕 #FFFFFF B	I
Border	Style:	Solid	~	Size: 1	Color: 🜉 #000000	
	Icon:	Custom	~		Browse	19.05
То	oltip Width	: 200			Bg Color: 🗾 #FFFF88	
	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 ASP</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>Univerasal Form</u> <u>Validator ASP</u> and add flexible and professional validation for your forms and georgeous hints to your form fields to aid your users.