

```

$email = 'example@email.com';
$username = 'admin';
$password = 'test';
$age = 29;

$val = new Validation();
$val->name('email')->value($email)->pattern('email')->required();
$val->name('username')->value($username)->pattern('alpha')->required();
$val->name('password')->value($password)->customPattern('[A-Za-z0-9-._!#@]{5,15}')->required();
$val->name('age')->value($age)->min(18)->max(40);

if($val->isSuccess()){
    echo "Validation ok!";
}else{
    echo "Validation error!";
    var_dump($val->getErrors());
}

```

## Simple Form HTML Use

```

<?php $val = new Validation; ?>

<form method="post" action="#">
    <label for="name">Name:</label>
    <input type="text" name="name" pattern="<?php echo $val->patterns['words']; ?>" required>
    <label for="email">E-Mail:</label>
    <input type="email" name="email" required>
    <label for="tel">Telephone:</label>
    <input type="text" name="tel" pattern="<?php echo $val->patterns['tel']; ?>">
    <label for="message">Message:</label>
    <textarea name="message" cols="40" rows="6" required></textarea>
    <button type="submit">Send</button>
</form>

<?php

if(!empty($_POST)){

    $val->name('name')->value($_POST['name'])->pattern('words')->required();
    $val->name('e-mail')->value($_POST['email'])->pattern('email')->required();
    $val->name('tel')->value($_POST['tel'])->pattern('tel');
    $val->name('message')->value($_POST['message'])->pattern('text')->required();

    if($val->isSuccess()){
        echo 'Validation ok!';
    }else{
        echo $val->displayErrors();
    }

}

?>

```

## Methods

Method	Parameter	Description	Example
name	\$name	Return field name	name('name')
value	\$value	Return value field	value(\$_POST['name'])
file	\$value	Return \$_FILES array	file(\$_FILES['name'])
pattern	\$pattern	Return an error if the input has a different format than the pattern	pattern('text')
customPattern	\$pattern	Return an error if the input has a different format than the custom pattern	customPattern('[A-Za-z]')
required		Returns an error if the input is empty	required()
min	\$length	Return an error if the input is shorter than the parameter	min(10)
max	\$length	Return an error if the input is longer than the parameter	max(10)
equal	\$value	Return an error if the input is not same as the parameter	equal(\$value)
maxSize	\$value	Return an error if the file size exceeds the maximum allowable size	maxSize(3145728)
ext	\$value	Return an error if the file extension is not same the parameter	ext('pdf')
isSuccess		Return true if there are no errors	isSuccess()
getErrors		Return an array with validation errors	getErrors()
displayErrors		Return Html errors	displayErrors()
result		Return true if there are no errors or html errors	result()
is_int	\$value	Return true if the value is an integer number	is_int(1)
is_float	\$value	Return true if the value is an float number	is_float(1.1)
is_alpha	\$value	Return true if the value is an alphabetic characters	is_alpha('test')
is_alphanum	\$value	Return true if the value is an alphanumeric characters	is_alphanum('test1')
is_url	\$value	Return true if the value is an url (protocol is required)	is_url('http://www.example.com')
is_uri	\$value	Return true if the value is an uri (protocol is not required)	is_uri('www.example.com')
is_bool	\$value	Return true if the value is an boolean	is_bool(true)
is_email	\$value	Return true if the value is an e-mail	is_email('email@email.com')

## Patterns

Name	Description	Example
uri	Url without file extension	folder-1/folder-2
url	Uri with file extension	<a href="http://www.example.com/myfile.gif">http://www.example.com/myfile.gif</a>
alpha	Only alphabetic characters	World
words	Alphabetic characters and spaces	Hello World
alphanum	Alpha-numeric characters	test2016
int	Integer number	154
float	Float number	1,234.56
tel	Telephone number	(+39) 081-777-77-77
text	Alpha-numeric characters, spaces and some special characters	Test1 ,.():;!@&%?
file	File name format	myfile.png
folder	Folder name format	my_folde
address	Address format	Street Name, 99
date_dmy	Date in format dd-MM-YYYY	01-01-2016
date_ymd	Date in format YYYY-MM-dd	2016-01-01
email	E-Mail format	<a href="mailto:exampe@email.com">exampe@email.com</a>

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