**Form Builder** (version 1)

Technical Document

This document provides instructions and code usage of HTML element builder using PHP. It covers most common elements with flexibility to add any number of attributes and with validation.

Element creation source written under the class WD\_elements().

To use this class include the ‘wd\_dom\_builder.php' file in a page where you want form elements.

$form = new WD\_elements();

1. **Open and End a form:**

openForm, closeForm methods used to create form tag and end form tag.

Syntax:

$wdForm = $form->openForm(<action>, <name>, <method>, array(<attribute>=><value>) ).

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| --- | --- |
| **Arguments** | **Description** |
| <action> | Action attribute |
| <name> | Name attribute |
| <method> | GET or POST method specified here |
| array(<attribute>=><value>) | Any attributes **like id,Class or own attribute** added here in array format. Here the array key is the attribute name. |

Example:

$wdForm = $form->openForm('index.php', 'signup\_form', ‘POST’, array('class'=>'signupForm', id=>'signupForm') ).

**2. Input fields, Label and validation:**

inputType() function used to create input fields. Here the last argument is the attributes array where we can give any attributes and values.

Syntax:

$form->inputType(<type>, <name>, <value>, array(<attribute>=><value>, <attribute>=><value>,…..) ).

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| --- | --- |
| **Arguments** | **Description** |
| <type> | Input type specified here. (text, password, email, hidden, radio, checkbox, file, button, submit ) |
| <name> | Name attribute |
| <value> | Value of the input field |
| array(<attribute>=><value>) | Any attributes **like id, Class or own attribute** added here in array format. Here the array key is the attribute name. |

**Validation:**

‘**req’** attribute used to mention a field as mandatory. It is one of array key in attributes array(see below example ).

**Label:**

‘label’ is the key used in attributes array to specify the label text. If you are not given the label means the name attribute value taken as label text. It will not be one of the field attribute and it just used for label text.

Examples:

$form->inputType('text', 'firstname', '', array('id'=>'firstname', 'label' => 'Firstname', 'req' => 'req' ) )

$form->inputType('password', 'password', '', array('id'=>'password', 'label' => 'Password' ) )

$form->inputType('file', 'prf\_image', '', array('id'=>'prf\_image', 'label' => 'Profile Image' ) )

**3.Title for Set of elements:**

groupTitle() function used to create title text to group of radio button or checkboxes.

$form->groupTitle('Gender:')

**4.Textarea:**

setTextArea() function used to to create textarea.

Syntax:

$form->setTextArea(<name>, <value>, array(<attribute>=><value>, <attribute>=><value>,…..) )

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| --- | --- |
| **Arguments** | **Description** |
| <name> | Name attribute |
| <value> | Value of the textarea |
| array(<attribute>=><value>) | Any attributes **like rows, cols,** **id, Class or own attribute** added here in array format. Here the array key is the attribute name. |

Example:

$form->setTextArea('comments', '', array('id'=>'comments', 'placeholder'=>'Enter your comments..', 'req' => 'req') )

**5.Drop Down box:**

selectBox() function used here to make a select box. Three arguments passed here. First one is name attribute, second one is options list(array) and third one is attributes array.

Syntax of calling method:

$form->selectBox(<name>, array(value=>text, value=>text,…. ), array(<attribute>=><value>, <attribute>=><value>,…..) )

Example:

$form->selectBox('country', array(

'' => 'Select country',

'ind' => 'India',

'fra' => 'France',

'lka' => 'Sri Lanka',

'fra'=>'France',

'usa' => 'United States'

),

array('id'=>'country', 'class'=>'country locations', 'req' => 'req')

)