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#####
// Simple Form generator SFORM / version 1.20
// Classe to manage several Form in a single database(MySql) in XML Format
// P.Brunier 2001, 2002 and 2003
//
// This program is free software. You can redistribute it and/or modify
// it under the terms of the GNU General Public License as published by
// the Free Software Foundation; either version 2 of the License.
//
// Based on Form_Handler 19-4-01 Copyright Drs. Jelte 'YeeHaW' Werkhoven
#####

// Constante
define('CRLF', "\n", TRUE);

if (!$bgcolor1) {
    $bgcolor1="#AACCcc";
}
if (!$bgcolor2) {
    $bgcolor2="#FFFFFF";
}

if (!$sform_path) {
    $sform_path="";
}

#####
class form_handler
    var $form_fields=array();// form fields
    var $title;// form title
    var $mess; // obligatoire message
    var $form_title; // form title
    var $form_method; // form method (Post or Get)
    var $form_key; // form key (for mysql stockage)
    var $form_key_value; // value of the form key (for mysql stockage)
    var $form_key_status="open"; // Status of the key (open or close)
    var $submit_value=""; // the name off all submit buttons of the form
    var $form_password_access=""; // Protect the data with a password
    var $answer=""; // answer table
    var $form_check="true"; // string which will be inserted into javascript check function
    var $url; // path at 'action' option of form

    /*****
    // Interrogate the object for identify the position of an item in the « stack »
    function interro_fields($ibid)
        return « no » or a number

    function interro_array($ibid0,$ibid1)
        return « no » or a number

    *****/
    // add title of <form> / This is also the id_form field in the database (unique)
    function add_form_title($en)
        $en => char

    /*****
    // Change the default (50) value for the html attribute SIZE of form-field
    // public void
    function add_form_field_size($en) {
        $en => numeric value

    *****/
    // add method of <form action=> Get or Post
    function add_form_method($en)
        $en => post or get

    /*****
    // add form check after submit for obligatory fields
    function add_form_check($en)
        $en => true or false

    *****/
    // add the return url after action
    function add_url($en)
        $en => char

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/*****/
// designate a specific field off the form as key in the DB
function add_key($en)
    $en => char

/*****/
// add the name for all submit buttons of <form>
function add_submit_value($en)
    $en => char

/*****/
// Lock the Key of <form> for disable edit
function key_lock($en)
    $en => « open » (for enable the edition of the key value), other value = « close »

/*****/
// add message / html code in the html result
function add_mess($en)
    $en => char

/*****/
// add fields text,hidden,textarea,password,submit,reset
function add_field($name,$en, $value='', $type='text', $obligation=false, $size='50',
    $diviseur='5', $ctrl='')

    'name'      => the name off the field
    'en'        => the comment value for the field
    'value'     => preload value
    'type'      => text, hidden, textarea, password, submit, reset
    'obligation'=> the field is obligatory (true) or not (false)
    'size'      => the size
    'diviseur'  => only used by textarea / the number of rows
    'ctrl'      => type of control :
                    'a-9' or 'A-9' or '0-9'
                    '0-9extend'=> '0-9' - + * / .
                    '0-9number'=> '0-9' + - . ,
                    'email'

/*****/
// add field checkbox
function add_checkbox($name, $en, $value='', $obligation=false, $checked=false)
    'name'      => the name off the field
    'en'        => the comment value for the field
    'value'     => preload value
    'type'      => « checkbox »
    'checked'   => true if the checkbok is checked or false

/*****/
// add field select
function add_select($name, $en, $values, $obligation=false, $size=1, $multiple=false)
    'name'      => the name off the field
    'en'        => the comment value for the field
    'value'     => preload value
    'type'      => « select »
    'size'      => the size
    'multiple'  => true if multiple selection or false
    'obligation'=> the field is obligatory (true) or not (false)

/*****/
// add field radio
function add_radio($name, $en, $values, $obligation=false)
    'name'      => the name off the field
    'en'        => the comment value for the field
    'value'     => preload value
    'type'      => « radio »
    'value'     => the value return by the radio if is selected
    'obligation'=> the field is obligatory (true) or not (false)

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/*****
// add fields date or stamp : date field of type date, stamp hidden field value timestamp
function add_date($name, $en, $value, $type='date', $modele='m/d/Y', $obligation=false,
$size='10')
    'name'      => the name off the field
    'type'      => « date » or « stamp »
    'model'     => « m/d/Y » or every valid date format
    'en'        => the comment value for the field
    'size'      => the size
    'obligation' => the field is obligatory (true) or not (false)
    'ctrl'      => « date »

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/*****
// add title of the HTML tab
function add_title($en)
    $en => char

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/*****
// add comment into HTML tab
function add_comment($en)
    $en => char

```

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/*****
// add extra into HTML tab (html tags ...)
function add_extra($en)
    $en => char

```

```

/*****
// add field EXTENDER javas only for select field, html for all fields except radio
function add_extender($name, $javas, $html) {
    'name'      => the name off the field
    'javas'     => the javascript code
    'html'      => the HTML code

```

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/*****
// add upload field (only for design, no upload mechanism is inside sform)
// public void
function add_upload($name, $en, $size='50', $file_size) {
    'name'      => the name off the field
    'en'        => the comment value for the field
    'value'     => always ""
    'type'      => always "upload"
    'size'      => the size
    'file_size' => the MAXIMUM_FILE_SIZE

```

In certain case, the javascript \$str.="onsubmit='return check();'>"; off the print\_form function as to be desactive if you want that the upload work fine (php 4.0.6 for example)

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/*****
// print <form> into html output / IF no method (form_method) is affected : the <form> ...
    </form> is not write (useful to insert SFORM in existing form)
function print_form($bg)
    $bg=bgcolor
    return the html for making an echo

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/*****
// return ALL FIELDS as HIDDEN
// public string
function print_form_hidden()
    return all fields as hidden / no <FORM> and no </FORM> tag. Only <input type=hidden ...

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/*****
// make the answer array
// private string
function make_response()

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/*****
// Read Data structure and build a plain-text response
function write_sform_data($response)
    $response => the answer array
    return the plain-text response

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/*****/
// Read Data structure and build the Internal Data Structure
function read_load_sform_data($line,$op)
    $line => Data to parse
    $op => internal op code for parsing the Data Structure (or the stream)
    return op for re-entrance

/*****/
// print the html response
function aff_response($bg,$retour="", $action="")
    $bg => Background color for TD
    $retour => Comment for the link at the end of the page OR
               => the «no_echo» value for not 'echo' the reply but return in a string
    $action => url to go (like history.go(-1) for exemple)

/*****/
// Control the respect off Data Type
function control($name,$nom, $valeur, $controle)
    ! Only used by the Class itself

/*****/
function error($ibid, $scar)
    ! Only used by the Class itself

/*****/
// Mysql Interface
function sform_browse_mysql($pas,$mess_passwd,$mess_ok,$presentation='') {
    Browse the Table and print html result

    'pas'           => Number of rows
    'mess_password' => the comment value for password field
    'mess_ok'       => The comment value for the submit button
                     If the first char of $mess_ok is : ! => the button is hidden
    'presentation' => « liste » or other

/*****/
function sform_read_mysql($clef) {
    Read Table with the value of the Key

/*****/
function sform_insert_mysql($response)
    Insert record in the Table with the response values

/*****/
function sform_delete_mysql()
    Delete the current record in the Table

/*****/
function sform_modify_mysql($response)
    Update the Table with the response values

/*****/
function sform_read_mysql_XML($clef)
    Read Table with the value of the Key with the xml_parser functions of PHP
    a valid xml_parser is mandatory

/*****/
function sform_XML_tag($value)
    Used by sform_read_mysql_XML

```