

How to create a form in RunCms

1. Outline of the class xoopsform
2. Method of construction of the form
3. Elements of the form
4. Concrete example

1. *Outline of the class xoopsform*

- ❖ RunCms root path/
 - class/ xoopsformloader.php
 - class/xoopsform/
 - form.php - formbutton.php - formcheckbox.php - formdatetime.php - formdhtmltextarea.js.php - formdhtmltextarea.php - formelement.php - formelementtray.php - formfile.php - formhidden.php - formlabel.php - formpassword.php - formradio.php - formradioyn.php - formselect.php - formselectcountry.php - formselectgroup.php - formselectlang.php - formselectmatchoption.php - formselectmodule.php - formselecttheme.php - formselecttimezone.php - formselectuser.php - formtext.php - formtextarea.php - formtextdateselect.php - simpleform.php - tableform.php - themeform.php
 - include/ calendar.js – calendarjs.php – calendarblue.css
 - language/english
 - calendar.php

2. Method of construction of the form

// load form

```
Include_once XOOPS_ROOT_PATH."/class/xoopsformloader.php";
```

// create the form

☒ 3 types of forms can be built

Simple :

```
$my_form = new XoopsSimpleForm($title,$name,$action,$method);
```

Table :

```
$my_form = new XoopsTableForm($title,$name,$action,$method);
```

With Theme :

```
$my_form = new XoopsThemeForm($title,$name,$action,$method);
```

\$title - it is the title which you want for your form

\$name - it is the name which you want for your form

\$action - it is the action which you want for your form

\$method – you can omit, default is POST

EXAMPLE :

```
$my_form = new XoopsThemeForm("My form", "MyName", "register.php", $method);
```

// create the elements of the form

```
$field = new XoopsFormText(_MI_TITLE, "name", $size, $maxlength, $value);
```

The elements of the forms will be detailed in the following chapter

// add a option for the elements “checkbox”, “radio” and “select”

The elements “checkbox”, “radio” and “select” must be supplemented with their options

☒ 2 methods are possible

Insertion in only once using an associative table - array ()

EXAMPLE :

```
$field = new XoopsFormCheckbox($caption,$name);
```

```
$option = array ("value1"=>"name1", "value2"=>"name2", "value3"=>"name3");
```

```
$field->addOptionArray($option);
```

insertion of the options one to one

EXAMPLE :

```
$field = new XoopsFormCheckbox($caption,$name);
```

```
$field->addOptionArray("value1","Name1");
```

```
$field->addOptionArray("value2","Name2");
```

// add elements in form

```
$my_form->addElement($field, true);
```

// declare the required fields

```
$required = array("field1", "field2", "field3");
```

```
$my_form->setRequired($required);
```

// display the form

```
$my_form->display();
```

3. Elements of form.

Hidden field

XoopsFormHidden (\$name, \$value)

Parameter	Type	Function	Default value
\$name	string	name of the variable	
\$value	string	default value	

Label field

☒ do not return any value

☒ allows you to insert an element or a text in a form

XoopsFormLabel (\$caption="", \$value="")

Parameter	Type	Function	Default value
\$caption	string	field name (displayed on the left)	
\$value	string	value to display	

Button

XoopsFormButton (\$caption, \$name, \$value="", \$type="button")

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	mixed	value to display on the button	
\$type	string	type of button (button, submit, reset)	button

Text field

XoopsFormText (\$caption, \$name, \$size, \$maxlength, \$value="")

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$size	int	size of the field	
\$maxlength	int	max length of the chain	
\$value	string	default value	

Text Area field

XoopsFormTextArea (\$caption, \$name, \$value="", \$rows=5, \$cols=50)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	mixed	default value	
\$rows	int	number of lines	5
\$cols	int	number of columns	50

Text Area field with formatting options

XoopsFormDhtmlTextArea (\$caption, \$name, \$value="", \$rows=5, \$cols=50, \$hiddentext = "xoopsHiddenText")

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	mixed	default value	
\$rows	int	number of lines	5
\$cols	int	number of columns	50
\$hiddentext	string	this value can be changed if you use several text area	

Password

XoopsFormPassword (\$caption, \$name, \$size, \$maxlenght, \$value="")

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$size	int	size of the field	
\$maxlenght	int	max length of password	
\$value	string	default value	

Radio button yes/no

☒ return 1 for yes, 0 for no

XoopsFormRadioYN (\$caption, \$name, \$value=null, \$yes=_YES, \$no=_NO)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	int	default value 1 for yes, 0 for no	null
\$yes	string	text for yes	Yes
\$no	string	text for no	No

Radio button ☐ opt 1 ☐ opt 2 ☐ opt 3

☒ return the value associated with the option

XoopsFormRadio (\$caption, \$name, \$value=null)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	int	preselected value (1,2,3 ...)	null

Check box ☐ check 1 ☒ check 2 ☐ check 3

☒ return a table of the selected values

XoopsFormCheckBox (\$caption, \$name, \$value=null)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	mixed	preselected value(s)	null

Select

☒ return the value associated with the option (table if multiple selection)

XoopsFormSelect (\$caption, \$name, \$value=null, \$size=1, \$multiple=false)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	mixed	preselected value(s) or array	null
\$size	int	a number of displayed lines	1
\$multiple	bool	authorized multiple selection	false

File

☒ return the file name (with the path)

XoopsFormFile (\$caption, \$name, \$maxfilesize)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$maxfilesize	int	max size	

Timezone

☒ return a -12 to +12 value

XoopsFormSelectTimezone (\$caption, \$name, \$value = null, \$size=1)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	int	default value	null
\$size	int	a number of displayed lines	1

Date

☒ return a date in the form yyyy-mm-dd

XoopsFormTextDateSelect (\$caption, \$name, \$size=15, \$value = 0)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$size	int	field size	15
\$value	int	default value	null = 01/01/1970

Juillet, 2004

< >

Aujourd'hui

< >

Lun Mar Mer Jeu Ven Sam Dim

26 1 2 3 4

27 5 6 7 8 9 10 11

28 12 13 14 15 16 17 18

29 19 20 21 22 23 24 25

30 26 27 28 29 30 31

Sélectionner une date

Check the file calendarjs.php
in line 36 to correct if needed
{ echo ' new Date('.\$jstime.')'; }
in { echo ' new Date('.\$jstime.')'; }
To also correct
language/french/calendar.php by
replacing the é by é, etc.....

Date + Hour

☒ return a date + hour in a table

XoopsFormDateTime (\$caption, \$name, \$size=15, \$value = 0)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$size	int	field size	15
\$value	timestamp	default value	Time ()

Select a user group

☒ return a id of group (f.ex : 1 for webmaster...) table if multiple selection.

XoopsFormSelectGroup (\$caption, \$name, \$include_anon=false, \$value =null, \$size=1, \$multiple=false)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$include_anon	string	to include the anonymous group	false
\$value	mixed	default value: id of group or array	null
\$size	int	a number of displayed lines	1
\$multiple	bool	authorized multiple selections	false

Select a user

☒ return a id of user (0 for anonymous) table if multiple selection.

XoopsFormSelectUser (\$caption, \$name, \$include_anon=false, \$value =null, \$size=1, \$multiple=false)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$include_anon	string	to include anonymous user	false
\$value	mixed	default value: id of user or array	null
\$size	int	a number of displayed lines	1
\$multiple	bool	authorized multiple selections	false

Select a language

☒ selection starting from the Xoops_ROOT_PATH."/language/" repertory

☒ return a string containing the selected language (english, french,...)

XoopsFormSelectLang (\$caption, \$name, \$value =null, \$size=1)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	string	default value	null
\$size	int	a number of displayed lines	1

Select a country

☒ return a string containing the country code (FR, EN, BE, ZW, ...)

XoopsFormSelectCountry (\$caption, \$name, \$value =null, \$size=1)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	string	default value: country code	null
\$size	int	a number of displayed lines	1

Select a options of research

☒ return 0 (Starts with), 1 (Ends with), 2 (Matches), 3(Contains), values XOOPS_MATCH_* defined in common.php

XoopsFormSelectMatchOption (\$caption, \$name, \$value =null, \$size=1)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	string	default value: country code	null
\$size	int	a number of displayed lines	1

Select a theme

☒ return a string with the theme name (e-xoops, ipb_blue,.....)

XoopsFormSelectTheme (\$caption, \$name, \$value =null, \$size=1)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$value	string	default value	null
\$size	int	a number of displayed lines	1

Select a module

☒ return a id of module (0=All, 1, 2, 5,....) table if multiple selection

XoopsFormSelectModule(\$caption, \$name, \$include_system=false, \$value=0, \$size=1, \$multiple=false)

Parameter	Type	Function	Default value
\$caption	string	field name	
\$name	string	name of the variable	
\$include_system	bool	include system	false
\$value	mixed	id of module or array	null
\$size	int	a number of displayed lines	1
\$multiple	bool	authorized multiple selections	false

Element tray

Name of Element	Champ <input type="text"/>
	Mot de passe <input type="password"/>

☒ allows you to build a group of fields
XoopsFormElementTray(\$caption, \$delimiter)

Parameter	Type	Function	Default value
\$caption	string	element name	
\$delimiter	string	delimiter	

Example :

```
$field1 = new XoopsFormText("Field1","field1",50,49,"");
```

```
$field2 = new XoopsFormPassword("Mot de passe","pass",10,6,"");
```

```
$element_tray = new XoopsFormElementTray("Name of Element", "<br />");
```

```
$element_tray->addElement($field1);
```

```
$element_tray->addElement($field2);
```

```
$my_form->addElement($element_tray);
```


4. Concrete example

```
<?php
```

```
include("../mainfile.php");
include(XOOPS_ROOT_PATH."/header.php");
include(XOOPS_ROOT_PATH."/class/xoopsformloader.php");
```

```
global $xoopsTheme, $xoopsconfig,$HTTP_POST_VARS,$HTTP_GET_VARS;
$xoopsOption['show_rblock']=0;
```

```
opentable($width='100%');
```

```
$action = "form.php";
$title = "Test";
$name = "uname";
$my_form = new XoopsThemeForm($title,$name,$action,$method="POST");
```

```
#####
//hidden field
// XoopsFormHidden($name,$value="");
$hidden = new XoopsFormHidden("hidden","Value of hidden fields");
```

```
#####
//Label
//The Label field does not turn over any value
// XoopsFormLabel($caption,$value="");
$label = new XoopsFormLabel("", "<hr>");
```

```
#####
//Text field
//XoopsFormText($caption,$name,$size,$maxlength,$value="");
$fields = new XoopsFormText("Field", "field", 50, 49, "");
```

```
#####
//Text zone
//XoopsFormTextArea($caption,$name,$value="", $rows,$cols);
$zonetext = new XoopsFormTextArea("Text Zone", "zonetext", "", 5, 50);
```

```
#####
//Text zone with working (icons,url,mail,quote, etc..)
//XoopsFormDhtmlTextArea($caption,$name,$value="", $rows,$cols,$hiddentext="");
$textenforme = new XoopsFormDhtmlTextArea("Working text zone", "textenforme", "", 5, 50, $hiddentext="xoopsHiddenText");
```

```
#####
//Password
//XoopsFormPassword($caption,$name,$size,$maxlength,$value="");
$pass = new XoopsFormPassword("Password", "pass", 10, 6, "");
```

```
#####
//yes - no field
//XoopsFormRadioYN($caption,$name,$value= "I for yes 0 for no",$yes,$no);
```

```
$yesno = new XoopsFormRadioYN("Yes,No", "yesno", $value=null, "I say Yes", "I say No");
```

```
#####
//check box
//XoopsFormCheckBox($caption,$name,$value = "preselected value");
$checkbox = new XoopsFormCheckBox("Checkboxes", "check", null);
$options = array("Option1", "Option2", "Option3");
$checkbox->addOptionArray($options);
```

```
#####
//Select
//turn over a table if selection multiple
//XoopsFormSelect($caption,$name,$value = "preselected value",$size=a number of posted lines,$multiple=False/true);
$select = new XoopsFormSelect("Selection","select",$value = null,1,$multiple=False);
$options = array("Option1","Option2","Option3");
$select->addOptionArray($options);

#####
//Button submit or reset
//XoopsFormButton($caption,$name,$value="", $type (button,submit,reset);
$submit = new XoopsFormButton("Submit","send","Go",submit);

$my_form->addElement($hidden, true);
$my_form->addElement($label, true);
$my_form->addElement($fields, true);
$my_form->addElement($zonetext);
$my_form->addElement($textenforme, true);
$my_form->addElement($pass, true);
$my_form->addElement($yesno, true);
$my_form->addElement($checkbox, true);
$my_form->addElement($select, true);
$my_form->addElement($submit, true);

$required = array("fields", "pass", "zonetext");
$my_form->setRequired($required);

$my_form->display();

closetable();

include(XOOPS_ROOT_PATH."/footer.php");
?>
```