

Free XOOPS Services Documentation Series



Free XOOPS Services
Modules - Themes - Hacks

Version 1.0

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1 Preamble

Since Xoops 2,5, the system module is able to create automatically an admin menu for any module. Simply write this command :

```
$modversion['system_menu'] = 1;
```

in the xoops_version.php file. The system module will use the module file menu.php located in the folder "admin" to build the menu.

Under the "bluemove" workshop , the development team decided to standardize the administration area of all xoops modules compatible with XOOPS 2.5. To facilitate this, we created a framework called "moduleadmin". This framework allows to manage the visual part of the administration of any module.

2 Installation

To install the Framework "moduleadmin" it is necessary to :

1. Download the Framework from [FreeXoopService](#).
2. Put the Framework inside the folder "Frameworks/moduleclasses" in your website..

```
sitefolder
├── Framework
│   ├── moduleclasses
│   │   └── moduleadmin
```

3 Usage

3.1 Configuration of xoops_version.php

In order to use the Framework, you have to add the lines below in your xoops_version.php :

To list authors :

```
$modversion['author'] = 'Author1,Author2,Author3' ;
```

You can set as much authors of the module as you want, but it is necessary to separate them with a comma.

```
$modversion['nickname'] = 'Pseudo1,Pseudo1,Pseudo3';
```

You must put the same number of usernames used for authors *Username1 = Author1*, etc. Usernames are separated with a comma.

```
$modversion['website'] = 'www.website.com';  
$modversion['name_website'] = 'website';
```

For the variable *website*, you must put the url of your site and for the variable *name_website*, it is necessary to put the title of your website

```
$modversion['license'] = 'GNU GPL';  
$modversion['license_url'] = 'www.gnu.org/licenses/gpl-2.0.html/';
```

For the variable *license*, you must put the type of license and for the variable *license_url*, it is necessary to put the url of the license.

```
$modversion['status_version'] = 'statut';
```

You must indicate the status of your module. The status are the following :

- Alpha : The Alpha versions are the first versions of the module, lot of bugs exist in such versions and lot of features still missing. So it's necessary to dont use this version in a productive website.
- Beta : The versions Beta are more advanced than Alpha. Bugs exist again, but almost all the functionalities of module are present. So it's necessary to dont use this version in a productive website.
- RC : Which means "release candidate", the RC versions they are enough advanced to be distributed to any user. It is not advisable to use them in a productive website.
- Final : This is the final version of the module it can be installed and used in a productive website.

All the versions, except the final one, can be followed by a number to differentiate several versions.

```
$modversion['release_date'] = 'year/month/day';
```

Date of the publication of the version. This date must have the format: '**year/month/day**'

The Framework will handle automatically the translation of the date in the appropriate format according the website language.

```
$modversion['help'] = 'page=help';
```

Allow you to specify the template of the help page od the module also to create the help menu.

```
$modversion['min_php'] = '5.2';
```

You have to specify the minimum php version required to a good working of the module. Anyway, you need at least 5.2, because the Framework does not work on an earlier version.

```
$modversion['min_xoops'] = '2.5';
```

You have to specify the minimum xoops version required to a good working of the module. Anyway, you need at least 2.5, because the Framework does not work on an earlier version.

```
$modversion['system_menu'] = 1;
```

Since the version 2,5 of xoops, the system module generates automatically the administration menu if we add this line.

All these parameters are required to use the Framework.

3.2 Configurations of the usage of the Frameworks

To use this Framework in an adequate way, it is necessary to create a function that allows to verify if it is present on the website. This precaution will avoid a white page to the user if the Framework doesn't exist. This function can also include the file "moduleadmin.php".

```
function modulename_checkModuleAdmin()
{
    if ( file_exists($GLOBALS['xoops']-
>path('/Frameworks/moduleclasses/moduleadmin/moduleadmin.php'))){
        include_once $GLOBALS['xoops']-
>path('/Frameworks/moduleclasses/moduleadmin/moduleadmin.php');
        return true;
    }else{
        echo xoops_error("Error: You don't use the Frameworks \"adminmodule\".
Please install this Frameworks");
        return false;
    }
}
```

modulename must be replaced by the module title.

This function is placed in functions.php:

```
modulename
└ include
  └ functions.php.
```

This function is used as follows: whenever we want to use the framework:

```
if (modulename_checkModuleAdmin()){
    $variable_name = new ModuleAdmin();
}
```

It is not mandatory to use this feature. If you are sure the frameworks is used, you just put this line to use: :

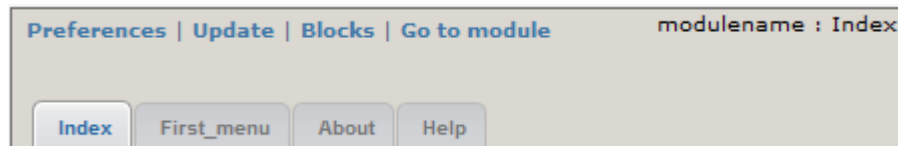
```
include_once $GLOBALS['xoops']-
>path('/Frameworks/moduleclasses/moduleadmin/moduleadmin.php');
```

3.3 The admin menu

To create the administration menu, we put in **xoops_version.php** :

```
$modversion['system_menu'] = 1;
```

This instruction automatically enables a navigation menu inside the administration area of the module :



The upper part is automatically generated and tabs are created by the **menu.php** file located in :

```
modulename
├ admin
└ menu.php.
```

The **menu.php** file must have the following structure :

```
$adminmenu[1]['title'] = _MI_MODULENAME_INDEX;
$adminmenu[1]['link'] = "admin/index.php";
$adminmenu[1]['icon'] = "images/admin/home.png";
$adminmenu[2]['title'] = _MI_MODULENAME_FIRSTMENU;
$adminmenu[2]['link'] = "admin/firstmenu.php";
$adminmenu[2]['icon'] = "images/admin/firstmenu.png";
$adminmenu[3]['title'] = _MI_MODULENAME_ABOUT;
$adminmenu[3]['link'] = "admin/about.php";
$adminmenu[3]['icon'] = "images/admin/about.png";
```

```
$adminmenu[$id]['title']
```

Variable in which you indicate the title of the link.

```
$adminmenu[$id]['link']
```

Variable in which you specify the link path

```
$adminmenu[$id]['icon']
```

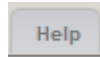
Variable in which you specify icons path. This icon is used by the admin theme and by the index menu generated by the Framework. The icons to the page "index" and "about" should always be the same, for the other icons you are free. All icons should have a size 32px / 32px

3.4 The help section of the module

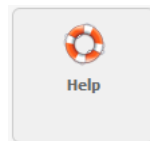
To create a help section we added in xoops_version.php :

```
$modversion['help'] = 'page=help';
```

This instruction automatically enables a help button in the navigation tab of the module's administration :



Also, it enables to create a menu in the admin index page :



The help template exists in the language file so it can be translated for each language. The structure is as follows :

```
modulename
├ language
│   ├── english
│   │   └ help
│       └ help.html
```

Please view the template help TDMDownloads module to see how it is constructed.

3.5 Addition of a info box

The info box is a text zone composed from a title and of a text.

To create a infobox, we use *addInfoBox()* :

```
$variable_name->addInfoBox($title);
```

\$title : Linfo box title.

To add a line in the linfo box, we use *addInfoBoxLine()* :

```
$variable_name->addInfoBoxLine($title, $text, $value, $color, $type);
```

\$title : Info box title (similar to the one used with "addInfoBox").

\$text : Text to be shown in the info box.

\$value : Value to appear in the text.

\$color : Value color.

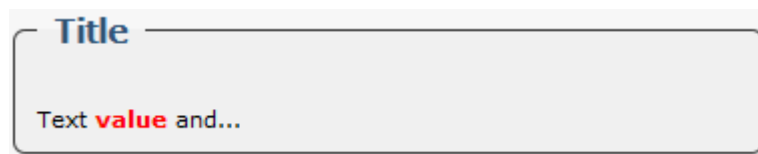
\$type : Values: 'default' or 'information'.

The type '*default*' uses all the parameters. It displays a text that includes the variable *\$value* of the color '*color*'.

Example :

```
$variable_name->addInfoBox("Title");
$variable_name->addInfoBoxLine("Title", 'Text %s and...', 'value', 'red', 'default');
```

The result :



The type '*information*' uses only the parameters '\$text'. It displays only a text.

Exemple :

```
$variable_name->addInfoBox("Title");
$variable_name->addInfoBoxLine("Title", 'Text', "", "", 'information');
```

The result :



To display the infos box, we use *renderInfoBox()* :

```
$variable_name -> renderInfoBox();
```

Infos box are automatically displayed in the pages "index.php" and "about.php" if you are using functions that handle these parts.

You can add as many lines as you want in a info box and you can put as many infos box as you wish. Those are the infos box title that can link the right lines with the correct infos box.

Example :

```
$variable_name = new ModuleAdmin();  
$variable_name->addInfoBox("bike");  
$variable_name->addInfoBox("car");  
$variable_name->addInfoBoxLine("bike", 'Text1', "", "", 'information');  
$variable_name->addInfoBoxLine("bike", 'Text2', "", "", 'information');  
$variable_name->addInfoBoxLine("car", 'Text3', "", "", 'information');  
echo $variable_name -> renderInfoBox();
```

The result :



3.6 Addition of a navigation

The navigation allows to put a picture with the title of the section where we are. The image and title are automatically created.

To add navigation we use *addNavigation()* :

```
$variable_name->addNavigation($file);
```

\$file : Page title with extension (note, put the same names as those in menu.php).

Example :

```
$variable_name = new ModuleAdmin();  
$variable_name->addNavigation("fist_menu.php");  
echo $variable_name -> renderLabel();
```

The Result :



3.7 Addition of a button

The button is composed from an image and a title, it allows to create a link.

To create a button, we use *addItemButton()* :

```
$variable_name->addItemButton($title, $link, $icon, $extra);
```

\$title : Link title.

\$link : Url of the link.

\$icon : Image that exists before the link. Values are: 'add' or 'list'.

\$extra : Text after the title.

To display the buttons, we use *renderButton()* :

```
$variable_name -> renderButton($position, $delimiter);
```

\$position : Position of the buttons. Values are: 'left', 'center' or 'right'.

\$delimiter : Demarcation between the buttons. By default ' '.

We can add as many buttons as we need.

Example:

```
$variable_name = new ModuleAdmin();
$variable_name->addItemButton('Link title', 'index.php', 'add' , '');
$variable_name->addItemButton('Link title', 'index.php', 'add' , 'extra');
$variable_name->addItemButton('Link title', 'index.php', 'list' , '');
echo $variable_name->renderButton('left', '');
```

The result:



3.8 The page "index.php"

The index page is composed from 3 parties :

1. A menu (automatically generated).
2. Custom infos box if desired.
3. A configuration info box.

To create an index, we use *renderIndex()* :

```
$variable_name->renderIndex();
```

By default there are only 2 configurations listed :

1. Php Version (recovered from the variable \$modversion['min_php'] inside xoops_version.php).
2. XOOPS version (recovered from the variable \$modversion['min_xoops'] inside xoops_version.php).

If both variables are defined in xoops_version.php, we get automatically this info box :



We can add 3 other types of configuration.

1. Display text.
2. Verifying the existence of a file.
3. Checking the chmod of a file.

To add a configuration line, on we use *addConfigBoxLine()* :

```
$variable_name->addConfigBoxLine($value, $type);
```

\$value : With type 'folder' we have to put the folder path. With type 'chmod' we have to put a table with the folder path as a first parameter and the desired chmod as as a second one.

\$type : 'default', 'folder' or 'chmod'.


Example :


```
$variable_name = new ModuleAdmin();
$variable_name->addInfoBox("Title");
$variable_name->addInfoBoxLine("Title", 'Text %s ...', 'value', 'red', 'default');
$variable_name->addConfigBoxLine('----Hello world----', 'default');
$folder = XOOPS_ROOT_PATH . '/uploads/modulename/';
$variable_name->addConfigBoxLine($folder, 'folder');
$variable_name->addConfigBoxLine(array($folder, '777'), 'chmod');
echo $variable_name->addNavigation('index.php');
echo $variable_name->renderIndex();
```

The Result :


[Preferences](#) | [Update](#) | [Blocks](#) | [Go to module](#)
modulename : Index

[Index](#)
[First_menu](#)
[About](#)
[Help](#)



Index



First_menu



About



Help

Title

Text **value** ...

Configurations

- ✓ You must have at least 5.2 as a php version (your current version is 5.3.0)
- ✓ You must have at least the version 2.5 (your current version is 2.5.1)
- Hello world----
- ✓ The folder 'C:/wamp/www/Modules/2.5.1/uploads/modulename/' exists
- ✓ The folder 'C:/wamp/www/Modules/2.5.1/uploads/modulename/' must be with a chmod '777' (it's now set on 777).

3.9 The page "about.php"

The page "About us" is composed from 4 parties :

1. A summary of the module information (automatically generated from xoops_version-php) as a info box.
2. Custom infos box if desired.
3. A info box with information about the module (automatically generated from xoops_version-php).
4. The module's changelog.

To create the page "About us", we use *renderabout()* :

```
$variable_name->renderabout($paypal, $icon);
```

\$paypal: Your paypal ID, if you want a "donate" button so users can make donations.

\$icon: Values 'True' if you want to put xoops image in the footer and 'False' if you do not want.

The changelog will be automatically loaded, but you must put in :

```
modulename
├ docs
└ changelog.txt
```

And in :

```
modulename
├ language
├   └ Langue
└   └ changelog.txt
```

The changelog will be automatically loaded into the language of the website. If no, it will be loaded from the folder "docs".

You can also add as many infos box as you want in this section

Example


```
$variable_name = new ModuleAdmin();
$variable_name->addInfoBox("Title");
$variable_name->addInfoBoxLine("Title", 'Text %s ...', 'value', 'red', 'default');
echo $variable_name->addNavigation('about.php');
echo $variable_name->renderabout('9MYQB7GUK5MCS', true);
```

The result:

[Preferences](#) | [Update](#) | [Blocks](#) | [Go to module](#) modulename : About

[Index](#) [First_menu](#) [About](#) [Help](#)

 **About**

**modulename 1.6
RC (2011/5/13)**
by **G. Mage (Mage)**
GPL see LICENSE
www.freexoopservices.com
[Donate](#)

Title
Text **value** ...

Module Infos
Update date: 2011/5/15 11:22
Status: RC
Website: [FreeXoopServices](#)

Change log

Version: X.X
Date: 20XX/XX/XX

List of bugs:
- ...
List of improvements:
- ...
Informations
- ...
Installation:
- ...

