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## XOOPS 2.4.3 FINAL Is Released - XOOPS

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The XOOPS Development Team is pleased to announce that a new release of the [#1 CMS System hosted on SourceForge](#) - **XOOPS 2.4.3 Final** is available for download.

This release is a bugfix-release of [XOOPS 2.4.2](#), done by XOOPS Core Development Team and XOOPS community:

Updates upon community:

- Added: Ability to assign display elements to a specific group of users (ghia)
- Added: Smarty variable for xoops\_avatar (kris\_fr/trabis)
- Added: Cache supported functions: xoops\_getActiveModules(), xoops\_setActiveModules(), xoops\_isActiveModule() (trabis)
- Added: XoopsMailer - Adding method to set 'allow html' parameter (Wishcraft)
- Improved: Preloads are only loaded for modules installed and active, this will reduce queries and improve performance (trabis)
- Fixed : XoopsLoad class (xoops calendar not found and other issues) (trabis)
- Fixed : Database images not loading when using php 5.3 (trabis)
- Fixed : **Cross-Site Scripting vulnerability in PM module (trabis/secunia.com)**
- Fixed : **SQL Injection vulnerability in kernel/notification.php (trabis/secunia.com)**

Updates from Sourceforge trackers:

- Fixed bug #2917631 : Double frame around BBcode quotes in zetagenesis (kris\_fr/ghia)
- Fixed bug #2923867 : Website Row is displayed even value is empty (trabis/maxxy)
- Fixed bug #2909312 : Layout of XoopsForms is changed (trabis/ghia)
- Fixed bug #2904777 : preload including not installed module's preloads (trabis/bandit-x)
- Fixed bug #2908887 : User can not select system avatars (trabis/ghia)
- Fixed bug #2911944 : Users can see other users profile in edit profile (trabis/ghia)
- Fixed bug #2910495 : BBcode code tag handles code worse than quote tag (trabis/ghia)
- Fixed bug #2914175 : code tags translate to double tags and alter first line (trabis/ghia)
- Fixed bug #2915970 : Banner white page on IE (trabis/ghia)

Added Language defines:

- language/english/banners.php \_BANNERS\_NO\_LOGIN\_DATA
- language/english/banners.php \_BANNERS\_NO\_REFERERER
- language/english/banners.php \_BANNERS\_NO\_ID

Some of the highlights of the XOOPS 2.4.x series:

- \* a new Admin GUI: Oxygen (Voltan): see picture above
- \* new mechanism to modularize and extend Core via Preloads (trabis)
- \* central support for jQuery (trabis)

- \* improved Installer (DuGris)
- \* WCAG 2.0 - Sight Impaired Assisted Forms (wishcraft)
- \* Themeable Administration area (trabis)
- \* support for new WYSIWYG Editors: CKEditor, wymeditor, Xinha, and Spaw2 (wishcraft and Luciorota)
- \* new System Key (wishcraft)
- \* Support to PHP 5.3 (trabis)
- \* profile and pm modules improved by Trabis
- \* code refactoring and improvements (trabis, catzwolf)
- \* Security fixes (trabis, wishcraft)

and many more.

Please remember: If you're installing it over previous installation, make a **BACKUP** first!  
Please also note that some hacks done for previous XOOPS versions might not work with this release:  
testing before installing is always a good choice

Download it from [Sourceforge repository](#).

Please post and discuss all issues related to this release in [this forum](#)

We also need help with [Translations](#)

System requirements

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PHP:

Any PHP version  $\geq 4.3$  (PHP 4.2.x may work but is not officially supported, PHP 5.0+ is strongly recommended)

Please note: XOOPS 2.4.x series is the **LAST** version of XOOPS tested on and supporting PHP4. Our next releases will be tested and certified exclusively on PHP5: Read more [here](#)

MySQL:

MySQL server 3.23+ (MySQL 5.0+ is strongly recommended)

Please note: XOOPS 2.4.x series is the **LAST** version of XOOPS tested on and supporting MySQL version lower than 5.0. Our next releases will be tested and certified exclusively on MySQL 5.0+:

Web server:

Any server supporting the required PHP version (Apache highly recommended)

Downloading XOOPS

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You can get this release package from the [Sourceforge file repository](#)

Both .zip and .gz archives are provided:

[xoops-2.4.3.zip](#):

Md5: b7929923b1409196855835c44b35c21a  
Sha1: d4b17314358e40d1c6f168c1558429d699312127

#### [xoops-2.4.3.tar.gz:](#)

Md5: e21d0d71d1bd92f54ae9e93ac01519ad  
Sha1: 1520f06689dcccc364519e393356b7338a2742b7

#### Installing XOOPS

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1. Copy the content of the htdocs/ folder where it can be accessed by your server
2. Ensure mainfile.php and uploads/ are writable by the web server
3. For security considerations, you are STRONGLY encouraged to move directories "/xoops\_lib" (for XOOPS libraries) and "/xoops\_data" (for XOOPS data) out of Document Root, and change the folder names.
4. Make the directory xoops\_data/ writable; Create (if not already present) and make the directories xoops\_data/caches/, xoops\_data/caches/xoops\_cache/, xoops\_data/caches/smarty\_cache/ and xoops\_data/caches/smarty\_compile/ writable (permission 0777 on Linux).
5. Access the folder where you've installed the htdocs/ files using your web browser to launch the installation wizard
6. Follow the instructions

You can also check out the [detailed Installation Guide](#)

#### Upgrading from a previous version

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##### Upgrading from XOOPS 2.3.3b and 2.4.x (easy way)

1. Get the right update package from the sourceforge file repository
2. Overwrite files in XOOPS directory on your server with the content of /htdocs  
\* make sure that you copy the content of /xoops\_lib to whatever directory you keep it on the server now (it should be your current XOOPS\_TRUST\_PATH directory), then delete the /xoops\_lib directory. There can NOT be two directories with the content of /xoops\_lib
3. If you have Protector previously installed, open the "mainfile.php" file , and remove the Pre-check and Post-check lines (if they exist):

```
include XOOPS_TRUST_PATH.'/modules/protector/include/precheck.inc.php' ;  
include XOOPS_TRUST_PATH.'/modules/protector/include/postcheck.inc.php' ;
```

4. If you're upgrading from XOOPS 2.4.x, make the file /include/license.php writeable (permission 0777 on Linux)
5. Access /upgrade/ with a browser, and follow the instructions
6. Follow the instructions to update your database
7. Delete the "upgrade" folder from your server
8. Update the "system" module from the modules administration interface. Other modules, especially "Profile" and "Protector" are recommended to update as well

##### Upgrading from XOOPS 2.0.\* above 2.0.14 and 2.2.\* (using the full package)

0. Unpack the archive to your LOCAL computer (e.g. PC) in a temporary directory.

1. Move the "upgrade" folder inside the "htdocs" folder (it's been kept out as it's not needed for full installs) on your local computer
2. Delete htdocs/mainfile.php, htdocs/install/, htdocs/cache/, htdocs/template\_c/, htdocs/themes/ and htdocs/uploads/ from the "htdocs" folder on your LOCAL computer
  - \* if you have created XOOPS\_TRUST\_PATH folder on your server, copy the content of /xoops\_lib to that directory, and delete /xoops\_lib from the "htdocs" folder on your LOCAL computer
3. Upload the content of the /htdocs folder on your LOCAL computer over your existing files on your server
4. For security considerations, you are encouraged to move directories xoops\_lib (for XOOPS libraries) and xoops\_data (for XOOPS data) out of Document Root, and change the folder names.
5. Make the directory of xoops\_data/ writable; Create and make the directories of xoops\_data/caches/, xoops\_data/caches/xoops\_cache/, xoops\_data/caches/smarty\_cache/ and xoops\_data/caches/smarty\_compile/ writable (permission 0777 on Linux).
6. Ensure the server can write to mainfile.php (permission 0777 on Linux)
7. If you have Protector previously installed, open the "mainfile.php" file , and remove the Pre-check and Post-check lines (if they exist):

```
include XOOPS_TRUST_PATH.'/modules/protector/include/precheck.inc.php' ;  
include XOOPS_TRUST_PATH.'/modules/protector/include/postcheck.inc.php' ;
```

8. Access /upgrade/ with a browser, and follow the instructions
9. Follow the instructions to update your database
10. Write-protect mainfile.php again (permission 0444 on Linux)
11. Delete the "upgrade" folder from your server
12. Update the "system" module from the modules administration interface, other modules are recommended to update as well

Upgrading from any XOOPS ranging from 2.0.7 to 2.0.13.2 (using the full package):

0. Unpack the archive to your LOCAL computer (e.g. PC) in a temporary directory.
  1. Move the "upgrade" folder inside the "htdocs" folder on your LOCAL computer (it's been kept separate as it's not needed for full installs)
  2. Delete htdocs/mainfile.php, htdocs/install/, htdocs/cache/, htdocs/template\_c/, htdocs/themes/ and htdocs/uploads/ from the "htdocs" folder on your LOCAL computer
    - \* if you have created XOOPS\_TRUST\_PATH folder on your server, copy the content of /xoops\_lib to that directory, and delete /xoops\_lib from the "htdocs" folder on your LOCAL computer
  3. Upload the content of the htdocs folder on your LOCAL computer over your existing files on your server
  4. Delete the following folders and files from your server (they belong to an old version):
    - \* class/smarty/core
    - \* class/smarty/plugins/resource.db.php
  5. Ensure the server can write to mainfile.php (permission 0777 on Linux)
  6. If you have Protector previously installed, open the "mainfile.php" file , and remove the Pre-check and Post-check lines (if they exist):

```
include XOOPS_TRUST_PATH.'/modules/protector/include/precheck.inc.php' ;  
include XOOPS_TRUST_PATH.'/modules/protector/include/postcheck.inc.php' ;
```

7. For security considerations, you are encouraged to move directories xoops\_lib (for XOOPS libraries) and xoops\_data (for XOOPS data) out of document root, or even change the folder names.

8. Make the directory of `xoops_data/` writable; Create and make the directories of `xoops_data/caches/`, `xoops_data/caches/xoops_cache/`, `xoops_data/caches/smarty_cache/` and `xoops_data/caches/smarty_compile/` writable (permission 0777 on Linux).
9. Access `/upgrade/` with a browser, and follow the instructions
10. Write-protect `mainfile.php` again (permission 0444 on Linux)
11. Delete the "upgrade" folder from your server
12. Update the "system" module from the modules administration interface, other modules are recommended to update as well

#### Upgrading a non UTF-8 site:

UTF-8 encoding has been introduced into XOOPS 2.3 as default charset. However, there might be some problems with converting existing websites from non UTF-8 charset to UTF-8.

Before there is a good enough solution for this conversion, following settings are recommended when you upgrade an existing website (if you are not an experienced user):

- Select "Do not change" option in "Database character set and collation" step during upgrade process
- Modify `/languages/yourlanguage/global.php` to use your previous `_CHARSET` value, if it has been changed to UTF-8 in your new `global.php` file as

```
define('_CHARSET', 'UTF-8');
```

#### Upgrading XOOPS Editors:

In the XOOPS package, there are four Editors included: `dhtmltextarea` and `textarea` for plain text, `CKeditor` and `TinyMCE` for WYSIWYG HTML.

There are six additional WYSIWYG Editors available: `FCKeditor`, `Koivi`, `NiceEdit`, `Wymeditor`, `Xinha`, and `Spaw2` that you can download from XOOPS SourceForge

(<https://sourceforge.net/projects/xoops/files/XOOPS%20Editors/>)

Since there are some directory structure changes in both `fckeditor` and `tinymce` editors, you are recommended to remove existent editors before uploading the new additors.

And if you are using `FCKeditor` for modules, please modify module specific configs following the files in `/fckeditor/modules/`, especially if you use "Article" module.

#### Debug information display level

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Since XOOPS 2.3.1 debug information display level is enabled as a temporary solution for 2.3\* to show debug information to different level of users: to all users, to members or to admins only.

The configuration can be set in `/xoops_data/configs/xoopsconfig.php`

A new debug information tools will be available for 2.4 using FireBug (see <http://tinyurl.com/nmnjdp>)

#### Files integrity check

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The full XOOPS package is released with a script able to check if all the system files have been correctly uploaded to the server. To use it, follow these instructions:

1. Upload the `checksum.php` and `checksum.md5` files located in the XOOPS package root to your XOOPS server folder (putting them next to `mainfile.php`).

2. Execute checksum.php with your browser
3. If necessary, re-upload the missing or corrupted system files
4. Remove checksum.php and checksum.md5 from your server

## Modules

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This release contains only the "system-related modules". You are invited to browse the XOOPS modules repository to if you need additional functionality. Note: as a new repository is being built, the current repository is not up-to-date, PLEASE VISIT INDIVIDUAL DEVELOPERS' WEBSITES TO MAKE SURE YOU ARE USING LATEST VERSION OF MODULES.

## How to contribute

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Bug report: [http://sourceforge.net/tracker/?group\\_id=41586&atid=430840](http://sourceforge.net/tracker/?group_id=41586&atid=430840)

Patch and enhancement: [http://sourceforge.net/tracker/?group\\_id=41586&atid=430842](http://sourceforge.net/tracker/?group_id=41586&atid=430842)

Feature design: [http://sourceforge.net/tracker/?group\\_id=41586&atid=430843](http://sourceforge.net/tracker/?group_id=41586&atid=430843)

Release announcement: <https://lists.sourceforge.net/lists/listinfo/xoops-announcement>

XOOPS Development Team  
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