JoomMyAdmin installation procedure

This document is a step by step procedure to install the JoomMyAdmin component under Joomla! based on a Windows operating system.

The procedure describes the installation of JoomMyAdmin on a remote webserver that host the Joomla! installation.

Some printscreen are in French, if anyone has them in English he can contact me.

If you want to translate this document, you can contact me to receive the original file.

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Document versions

Version	Date	Description		
1.0	23.09.2009	Creation		
2.0	22.10.2009	Added uninstall chapter Added uninstall prerequisites Added Page Not Found error in Know issues chapter Added Document versions page		

Prerequisites

Before installing some prerequisites are required:

- 1. You must have installed Joomla! on your local computer or on a hosted website.
- 2. You must have a valid Joomla! administrator account.
- 3. You must know, how to connect to your Joomla! administration console.
- 4. The MySQL user associated with your Joomla! installation must have a valid password.
- 5. You must have installed some tools on your local computer:
 - ° A compression tool like 7-Zip: <u>http://sourceforge.net/projects/sevenzip/files/</u>
 - ° FTP tool like FileZilla: http://filezilla-project.org/
- 6. Knowledges about your operating system file and FTP remote procedure.
- 7. FTP tool must be configured to connect to your remote website web server, at the root of your Joomla! website.
- When upgrading from previous version of JoomMyAdmin, uninstall the previous version before installing the new one. Read the chapter <u>Uninstalling JoomMyAdmin</u>.

Critical prerequities

The new phpMyAdmin version, requires that the MySQL user used to connect to the database **has a valid password**.

A user without a password can't connect the MySQL using phpMyAdmin.

Thus, create a user that has access to your Joomla! database or set a password to the root user. Then set the password value into the Joomla! **configuration.php** file, at the root of your Joomla! website installation folder.

In configuration.php file set the value of the MySQL user's password under the variable:

var \$password = "mysqluserpassword";

The command line to set a password for a MySQL user is:

mysql -u <mysqlusername> -p

Then press Enter and set the password when prompted.

Example with the user root: mysql -u root -p

Download the source file

To download the source file, go to the website http://joomlacode.org/gf/project/joommyadmin/frs/

On the line of the **com_joommyadmin_1.5** package, under the column **File**, click on the latest **com_joomMyAdmin15_xxxx**.zip file, where **xxxx** is the **phpMyAdmin** version.

nom de package⇔	Dernière Release⊖	Maturité⊖	Fichiers 🕀
com_joommyadmin_1.x	com_joomMyAdmin1x_2_11_9_5	5 - Production/Stable	com_joomMyAdmin1x_2_11_9_5.zip
	com_joomMyAdmin1x_3_1_3_1	5 - Production/Stable	com_joomMyAdmin1x_3_1_3_1.zip
som_joommyadmin_1.5	com_joomMyAdmin15_3_2_2	5 - Production/Stable	com joomMyAdmin15_3_2_2.zip

Under the **Download file** dialog, click on the **Save** button

Téléchar	gement de fichier
Voulea	z-vous ouvrir ou enregistrer ce fichier ?
2	Nom : com_joomMyAdmin15_3_2_2.zip Type : WinZip File, 3.67 Mo Source : downloads.joomlacode.org
V Tou	Duvrir Enregistrer Annuler
2	Si les fichiers téléchargés depuis Internet sont utiles, certains fichiers peuvent présenter des risques pour votre ordinateur. N'ouvrez pas ou n'enregistrez pas ce fichier si vous n'êtes pas sûr de son origine. <u>Quels sont les risques ?</u>

Under the **Save As** dialog, choose a local directory on your computer where the file will be stored, for example *C:Vnstall.*

Click on the **Save** button.

Enregistrer sous						<u>? ×</u>
Enregistrer dans :	install		•	3 🤣	بي 🥙	
Mes documents récents						
i Bureau						
Des documents						
IN Poste de travail						
S						
Favoris réseau	Nom du fichier :	com_joomMyAdmin15_3_;	2_2.zip		-	Enregistrer
	Type :	WinZip File			•	Annuler

When done open the containing folder, click on the **Open folder** button.

Téléchargement terminé	_ 🗆 🗵
Téléchargement terminé	
Enregistré : om_joomMyAdmin15_3_2_2.zip de downloads.joomlacode.org	
Téléchargé : 3.67 Molen 28 s Télécharger vers :\com_joornMyAdmin15_3_2_2.zip Taux de transfert : 134 Ko/sec	
Fermer cette boîte de dialogue à la fin du téléchargement	
Ouvrir Ouvrir le dossier Ferm	ier

Extract the source file on your local computer

Extract the ZIP file into a new specified folder. Use your personal compression tool. Here is an example with the 7-Zip tool.

On the explorer file, select the file com_joomMyAdmin15_xxxx.zip and right-click on it.

Choose the option 7-Zip, then Extract to "com_joomMyAdmin15_xxxx"



When done you will see a new folder named com_joomMyAdmin15_xxxx.

Nom 🔺	Taille	Туре	Date de modification
com_joomMyAdmin15_3_2_2		File Folder	16.09.2009 14:12
Com_joomMyAdmin15_3_2_2.zip	3'762 Ko	WinZip File	16.09.2009 14:07

Double-click on the folder to open it. You see now the list of installation files for JoomMyAdmin.

Nom 🔶
🚞 phpmyadmin
🚞 secureit
🖬 admin.joommyadmin.php
🖬 howtosecure.php
🖬 install.joommyadmin.php
📄 joommyadmin.xml
📾 uninstall.joommyadmin.php

Upload installation files to the hosted website server

To install JoomMyAdmin, you must upload the installation files on your hosted website server. Use your personal FTP tool to upload the files. The procedure uses the **FileZilla** FTP tool.

No connection procedure is described here under. Please read your FTP tool manual to create a remote FTP connection to the server.

Launch the FTP tool

Launch **FileZilla** program under the Windows program list or with the shortcut on your desktop.



Select the local folder containing the JoomMyAdmin installation files

On the **left pane**, select on your local computer the folder where are stored the JoomMyAdmin installation file. For example *C:Vnstall\com_joommyadmin15_xxxx*.

On the right pane, select the Joomla! tmp folder, double-click on it to open it.



Right pane

Create a subfolder install onto tmp folder of Joomla! website

In the remote tmp folder, create a new folder called *install*.

Right-click in the folder and choose the Create folder option.

Nom de	fichi	ier 🛆	Taille
<u>)</u> Сіпde	x.hti	ml	
	∳ ki	Télécharger Ajouter les fichiers à la file d'attente Afficher / Éditer	
		Créer un dossier	

Set the name of the new folder to *install*.

Click on the **OK** button.

Création d'un dossier	X
Veuillez entrer le nom du dossier qui doit être cr	éé :
/web/tmp/install	
	-
OK Annuler	

The new folder is created.

Double-click on it to open it.

Nom de fichier	Δ
`	
🛅 install	
🕘 index.html	

Upload the JoomMyAdmin installation files to the install folder

From the left-pane, select all installation files and drag n' drop them to the right-pane.

The upload proceeds now. Wait for the upload has completed.

	aille de fic	Type de fichier	Nom de fichier 🔺
 			
💼 phpmyadmin		File Folder	
💼 secureit		File Folder	
admin.joommyadmin.php	682	Fichier PHP	
howtosecure.php	7'765	Fichier PHP	
🔤 install.joommyadmin.php	1'070	Fichier PHP	
📄 joommyadmin.xml	46'450	Document XML	
🔤 uninstall.joommyadmin.php	43	Fichier PHP	

Installation under Joomla! administration

Browse to the internet on your Joomla! administration website. For example <u>www.yourwebsite.com/administrator</u>.

Connect to the Joomla! administration console

Connect to your Joomla! administration console with your administrator account.

Connexion à l'admi	nistration de	Joomla!	
'euillez utilisez un identifiant t un mot de passe valide our accéder à	Identifiant		
administration.	Mot de passe		
etourner à la page d'accueil u site	Langue	Défaut	•
			Connexion 🔘
()			
- Marcine 1998 - 1			

Install the component from a Directory

When upgrading from previous version of **JoomMyAdmin**, uninstall the previous version before installing the new one. Read the chapter <u>Uninstalling JoomMyAdmin</u>.

Under Extensions menu select Install/Uninstall

Site	Menus	Content	Components	Extensions To		Tools
				🔳 Ins	tall/Unins	tall

Under Install from Directory in the text field Install Directory: add the /install folder.

Click on the Install button. Wait for the process has completed.

Install from Directory		
Install Directory:	/mnt/sites/ambulanciers-vs.ch/web/tmp <mark>/install</mark>	Install

When the installation complete successfully you get the following message:

phpMyAdmin thin-wrapper component for Joomla! 1.5 backend

Important Security Message

This component is intended for temporary development use and not on production sites.

If you wish to continue using this component after launching your site on production, please secure the /administrator/components/com_joommyadmin/phpmyadmin directory with a password using .htaccess file.

Delivered with this component, there is a documentation with sample files on how to secure the directory under Apache. The document is available under the joomMyAdmin/How to secure PHPMyAdmin? menu.

If your site is hosted by an internet provider, use it's administration console to access the system file and protect the directory.

If this is currently a production web site, either secure the directory mentioned above or uninstall this component immediately!

Use the JoomMyAdmin component in Joomla! administration console

Under the Components menu select joomMyAdmin then PHPMyAdmin Control Panel.



The **phpMyAdmin** console must be displayed as follow:

PHPMyAdmin Control Panel H	low to secure PHPMyAdmin? Documentation
php <mark>MyAdmin</mark>	B Serveur: localhost
	Actions
dbdemo (92)	
■ jos_artforms ■ jos_artforms_inbox ■ jos_artforms_items ■ jos_attachments ■ jos_banner ■ jos_bannerclient ■ jos_bannertrack	MySQL localhost Créer une base de données Interclassement Interclassement pour la connexion MySQL: utB_general_ci () () () () () () () () () ()
I jos_cactus ■ jos_cactus olkum	Interface
jos_categories jos_ccnewsletter_acknowledgem jos_ccnewsletter_newsletters jos_ccnewsletter_subscribers jos_ccnewsletter_subscribers jos_communicator jos_communicator_subscribers jos_components issuestant didalle	 Langue - Language ①: Français - French Thème / Style: Original Couleur au choix: A Réinitialiser Taille du texte: 82%

Remove the install folder from the FTP server

After the installation complete successfully, you can safely delete the **install** folder that is under the **/tmp/** folder of your root Joomla! website, with your FTP Tool.

 Nom de fichier
 A
 Taille de fi...

 install
 Index.html
 Télécharger
 Index.html

 Jouter les fichiers à la file d'attente
 Développer le dossier
 Afficher / Éditer

 Créer un dossier
 Créer un dossier
 Supprimer

 Renommer
 Permissions de fichier...
 Permissions de fichier...

Select the install folder right-click on it and choose Delete.

Installation on a local computer with a local Joomla! website

To install JoomMyAdmin on your local Joomla! website, you can use the installation procedure from a ZIP file.

Read the Critical prerequities before installing.

In the Joomla! administration console under the menu **Extensions** – **Install/Uninstall** use the **Upload Package File** option.

Click on the **Browse...** button to select the **com_joomMyAdmin15_xxxx.zip** file that is stored locally on your computer.

Click on the Upload File & Install to proceed with the installation.

Upload Package File		
Package File:	Parcourir	Upload File & Install

If this doesn't work use the installation procedure from a directory:

- 1. Extract the source file on your local computer
- 2. Install the component from a Directory

Uninstalling JoomMyAdmin

Select the menu Extensions, then Install/Uninstall.

		Extensions	Tools		
Click on the tab Components					
		Install <u>Co</u>	mponents		
In the list of Components select joomMyAdmin					
	🖲 joomMyAdmin				
Click on the Uninstall button on the top right					



If the uninstall completed successfully the message **Uninstall Component Success** is displayed



Know errors and solutions

Describes the current know errors and their solutions.

I can not access the JoomMyAdmin control panel, I get a MySQL Error message: Cannot connect: invalid settings

MySQL Error #1045 - Access denied for user: 'root'@'localhost' (Using password: NO)

When accessing the JoomMyAdmin control panel, you get a MySQL Error message connection.

Solution:

Set a valid password to the MySQL user associated with your Joomla! installation.

Set this password in the **configuration.php** file of the Joomla! website.

Read: Critical prerequities for more informations.



When uploading the installations files or ZIP file you get a Fatal error: Allowed memory size

When uploading files your server doesn't allow enough memory.

This solution is valid for all other component installation process.

Solution:

Edit your **configuration.php** file at the root of your Joomla! installation directory.

Insert a new line before the line: *class JConfig {* with the following text:

ini_set("memory_limit","16M");
<?php
ini_set("memory_limit","16M");
class JConfig {</pre>

The value 16 can be replaced with other values, like: 2 or 4 or 8 or 16 or 32 or 64.

Save the **configuration.php** and retry to upload the installation files or ZIP file.

Remember that this modification is deleted when you save the configuration of your Joomla! website from the Joomla! administration control panel.

When accessing the console you get an error: File Not Found

When you access the phpMyAdmin console an error page File Not Found is displayed.

Solution:

Choose one of these solutions:

- 1. This problem has been resolved in the lastest version of **JoomMyAdmin**, download the latest version.
- 2. In **configuration.php** in the root directory of the Joomla! installation, set the **\$live_site** parameter's value to the URL website of Joomla!.

Example : you access your website with <u>www.mywebsite.com/cms</u> the **\$live_site** must have the value <u>www.mywebsite.com/cms</u> **\$live_site = 'www.mywebsite.com/cms'**;

How to secure the access to phpMyAdmin on a production web site?

If you use this component on a production web site you must secure the */administrator/components/com_joommyadmin/phpmyadmin* directory.

If you don't have web server knowledges, please contact your system administrator to configure the protection.

Read the following steps depending on your web server:

1 - The production web site is hosted by an internet provider or I don't have access to the Apache configuration settings

You must connect to your internet provider web administration console that manages the web site.

Then on the system file, navigate to the /administrator/components/com_joommyadmin/phpmyadmin directory.

There must be an option that allows you to protect the directory by using/creating **/.htaccess** file.

This option will automatically generate the *I*.htaccess file with a user and encrypted password.

2 - I host the production web site on my own Apache server or I have access to the Apache configuration settings

Delivered with this component, there is a documentation with sample files on how to secure the directory under Apache: /administrator/components/com_joommyadmin/secureit. Execute the following steps to secure the /administrator/components/com_joommyadmin/phpmyadmin directory:

In the following example we use the following structure:

/root/ : root disk

/wwwroot/ : web site root document directory, specified in the Apache configuration by the **> Directory>** tag

/mywebsite/ : production web site root directory
/administrator/
/components/
/com_joommyadmin/
/phpmyadmin/
/.htaccess : access protection file to the phpMyAdmin directory

/secureit/ : secure directory, see "Step 1" /.htpasswd : file containing user and encrypted password information

- 1. Create a directory [/secureit/] under your [/root/] folder.
- 2. Locate your htpasswd.exe file, that is by default under the /Apache/bin/ directory.
- 3. Execute your command line tool and go to the /Apache/bin/ directory.
- 4. Execute the **htpasswd.exe** file to create the **.htpasswd** file with a user and encrypted password into the directory created at "step 1".
 - <u>Command line to create a new file with a user</u>: htpasswd -c [pathToDirectory]/.[htpasswdFileName] [userName]
 - Sample: htpasswd -c /root/secureit/.htpasswd admin
 - <u>Command line to add a user to an existing file</u>: htpasswd [pathToDirectory]/.[htpasswdFileName] [userName]
 - Sample: htpasswd /root/secureit/.htpasswd admin
- 5. Copy the **.htaccess** file from the /administrator/components/com_joommyadmin/securit directory to the /administrator/components/com_joommyadmin/phpmyadmin directory.
- 6. Edit the .htaccess file from the /administrator/components/com_joommyadmin/phpmyadmin directory.
- Replace the tag value [Path_to_htpasswd_file] by the full path to the directory [/secureit/] created at "Step 1".
 - o <u>Sample</u>: AuthUserFile /root/secureit/.htpasswd
- 8. Save and close the .htaccess file.
- 9. You must now protect your files by using the **chmod** command line tool or with a FTP tool by right-clicking on the file and select the *file attributes* menu.
 - .htpasswd file as 640 (rw-r-r)
 - .htaccess file as 644 (rw-r--)
- Your /administrator/components/com_joommyadmin/phpmyadmin directory is now secured with a user and password.
 When you access the Joomla! administration menu joomMyAdmin/PHPMyAdmin Control Panel, you are now asked to enter the user/password like created in "Step 4".
- 11. You can define more than one user to access this directory, by executing the **htpasswd.exe** command line tool, like described in "Step 4 add a user to an existing file".

3 - I host the production web site on Microsoft IIS or other web server

Contact your system administrator or read your web server specific documentation.

4 - Configuration problems

On some server you can have errors depending on the server configuration.

<u>For example :</u> **Parse error:** syntax error, unexpected T_STRING, expecting T_OLD_FUNCTION or T_FUNCTION or T_VAR or '}'

Please try to add the following lines at the begining of the **.htaccess** file.

SetEnv PHP_VER 5 SetEnv REGISTER_GLOBALS 0 SetEnv ZEND_OPTIMIZER 1 SetEnv MAGIC_QUOTES 0

5 - Links

- Apache documentation: <u>http://httpd.apache.org/</u>
- Apache htaccess documentation: <u>http://httpd.apache.org/docs/2.2/howto/htaccess.html</u>
- Apache htpasswd documentation: <u>http://httpd.apache.org/docs/2.2/programs/htpasswd.html</u>

---- END OF DOCUMENT ----