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.

The following table index can be used as short step by step reference.

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: http://sourceforge.net/projects/sevenzip/files/
   - 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.
8. When upgrading from previous version of **JoomMyAdmin**, uninstall the previous version before installing the new one. Read the chapter Uninstalling JoomMyAdmin.

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
📦 com_joommyadmin_1.5	com_joomMyAdmin15_3_2_2	5 - Production/Stable	com_joomMyAdmin15_3_2_2.zip

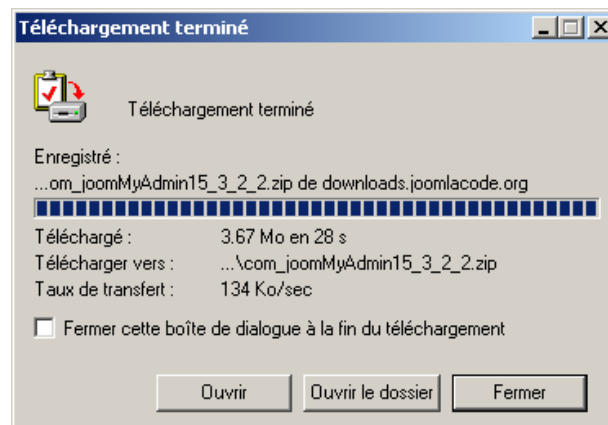Under the **Download file** dialog, click on the **Save** button
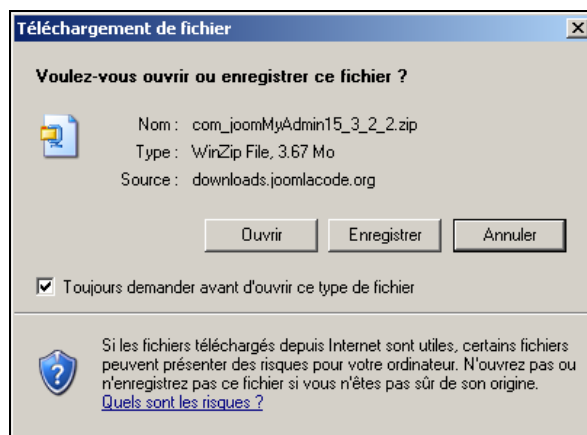
Under the **Save As** dialog, choose a local directory on your computer where the file will be stored, for example *C:\Install.*

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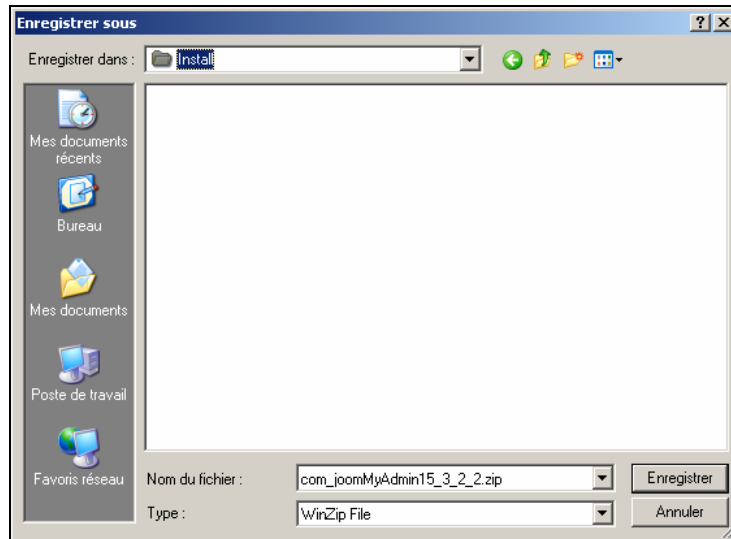
When done open the containing folder, click on the **Open folder** button.

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"**
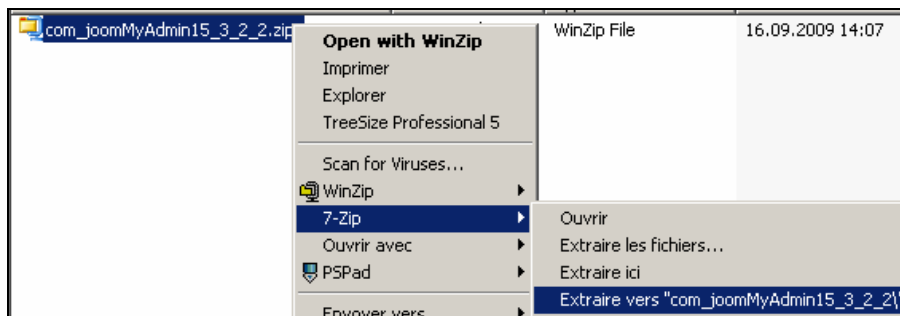
When done you will see a new folder named **com_joomMyAdmin15_xxxx**.

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

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:\Install\com_joommyadmin15_xxxx*.

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

Left pane   **Right pane**
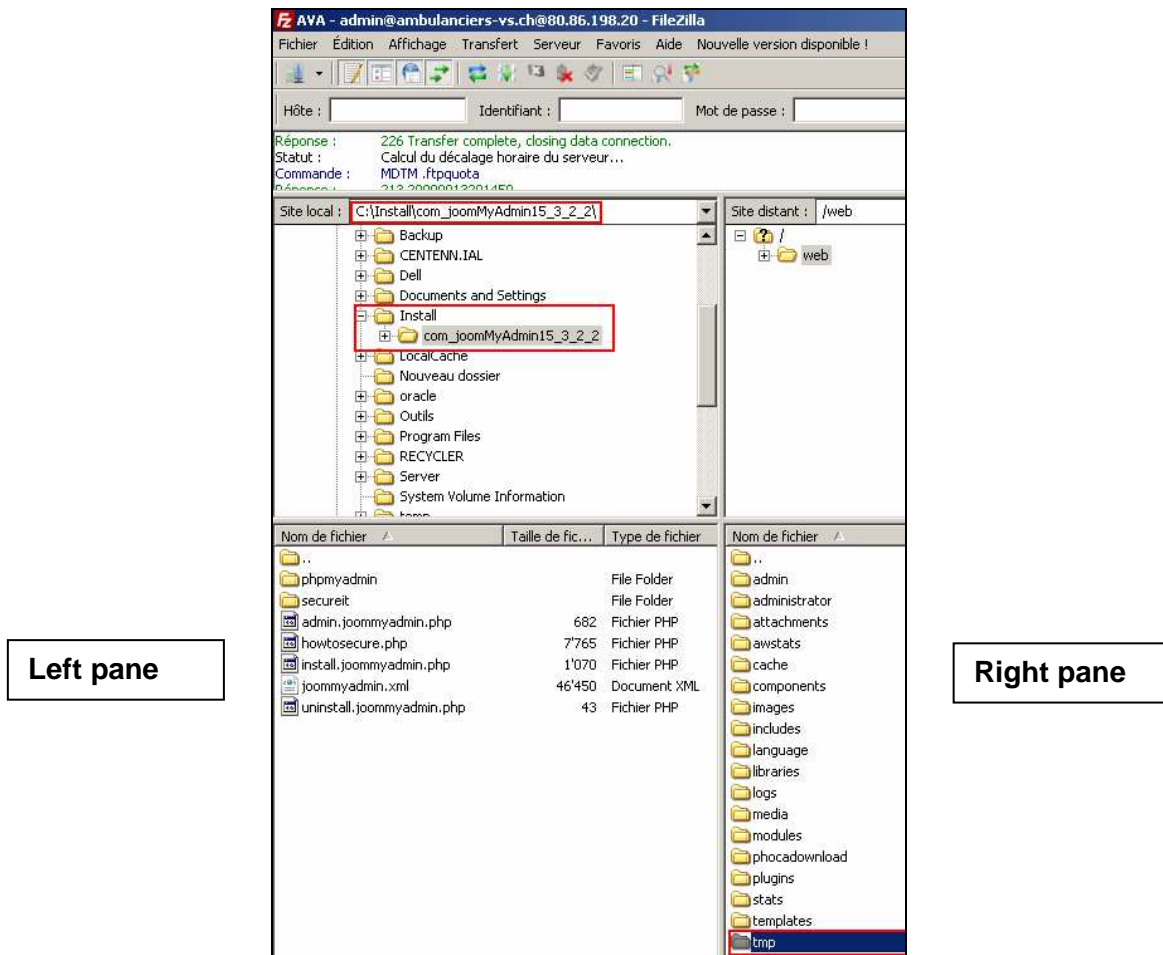
Create a subfolder install onto tmp folder of Joomla! website

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

Right-click in the folder and choose the **Create folder** option.
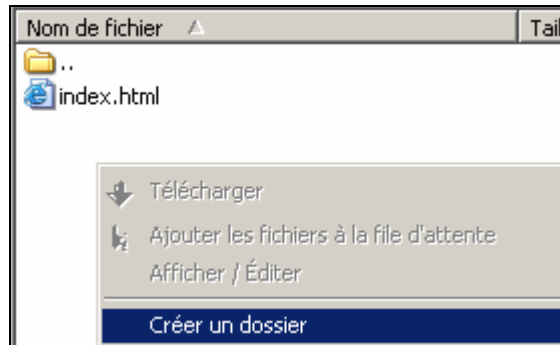
Set the name of the new folder to *install*.

Click on the **OK** button.
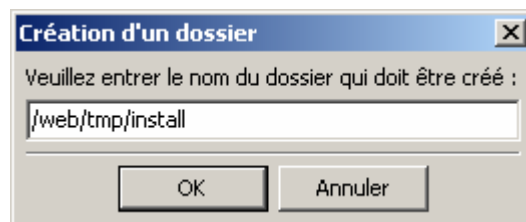
The new folder is created.

Double-click on it to open it.

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.

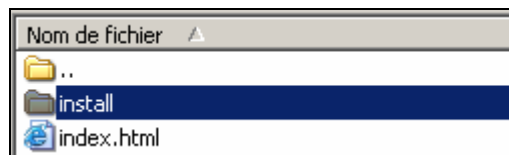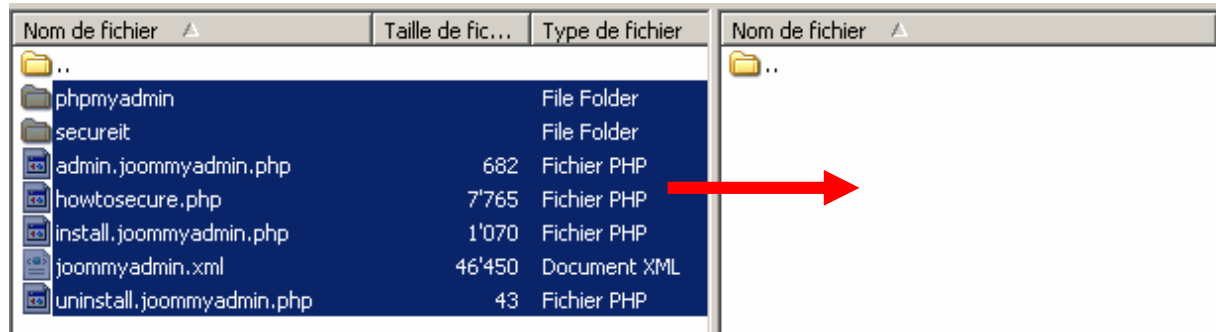# Installation under Joomla! administration

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

Connect to the Joomla! administration console

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

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 Uninstalling JoomMyAdmin.

Under **Extensions** menu select **Install/Uninstall**
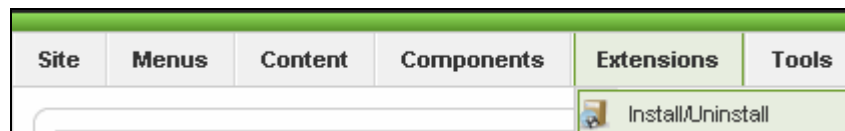
Under **Install from Directory** in the text field **Install Directory:** add the */install* folder.

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

When the installation complete successfully you get the following message:

Install Component Success

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:
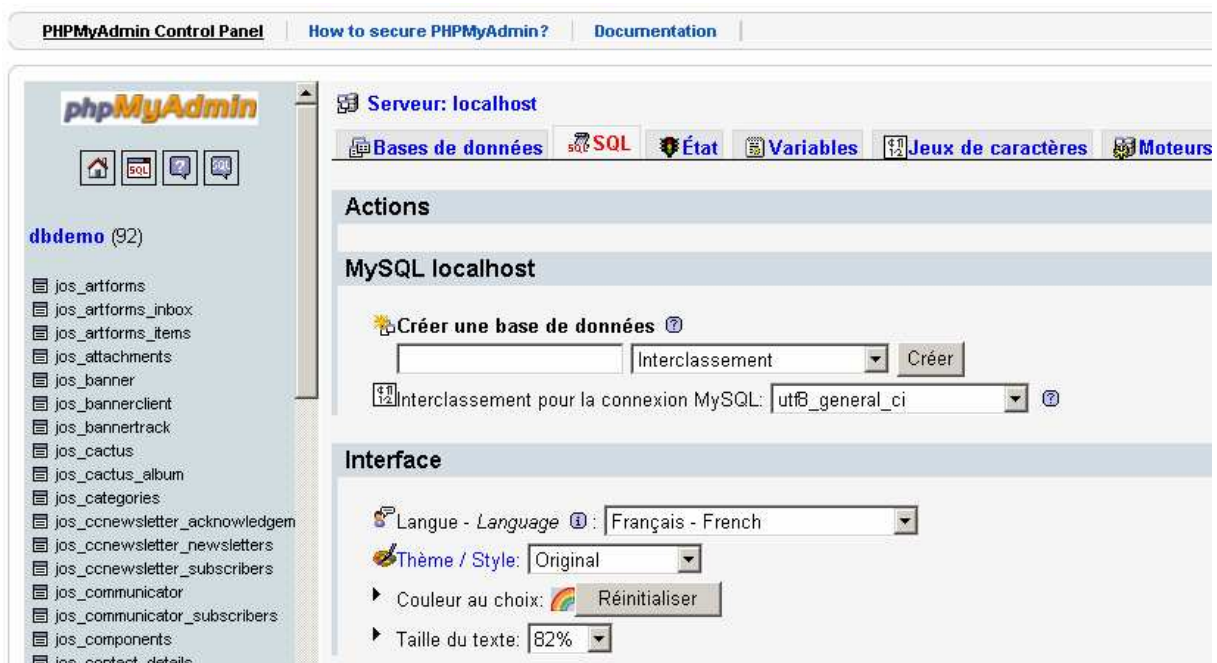
Remove the install folder from the FTP server

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.

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

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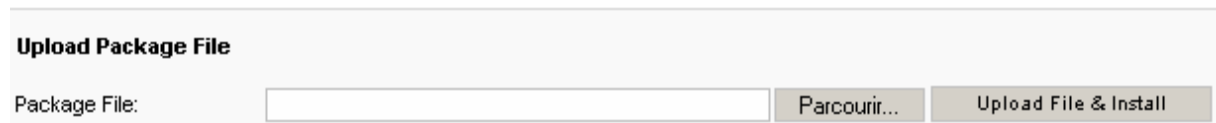
To install JoomMyAdmin on your local Joomla! website, you can use the installation procedure from a ZIP file.

Read the Critical prerequities before installing.

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

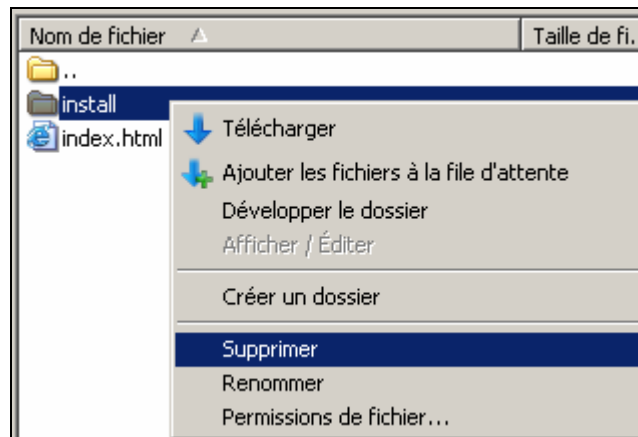Click on the **Browse…** button to select the **com_joomMyAdmin15_xxxx.zip** file that is stored locally on your computer.

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**.
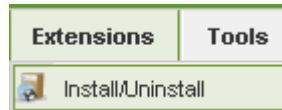
Click on the tab **Components**
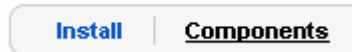
In the list of **Components** select **joomMyAdmin**

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","*16*M");**

```
<?php
ini_set("memory_limit","16M");
class JConfig {
```

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 www.mywebsite.com/cms the **$live_site** must have the value www.mywebsite.com/cms
   $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 **/.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".

   o Command line to create a new file with a user: htpasswd -c *[pathToDirectory]/.[htpasswdFileName] [userName]*

     ▪ Sample: htpasswd -c /root/secureit/.htpasswd admin

   o Command line to add a user to an existing file: 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.

7. Replace the tag value *[Path_to_htpasswd_file]* by the full path to the directory [/**secureit**/] created at "Step 1".

   o Sample: 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.

   o **.htpasswd** file as 640 (rw-r-r)

   o **.htaccess** file as 644 (rw-r--)

10. 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.

For example : **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: http://httpd.apache.org/
- Apache htaccess documentation:
  http://httpd.apache.org/docs/2.2/howto/htaccess.html
- Apache htpasswd documentation:
  http://httpd.apache.org/docs/2.2/programs/htpasswd.html

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