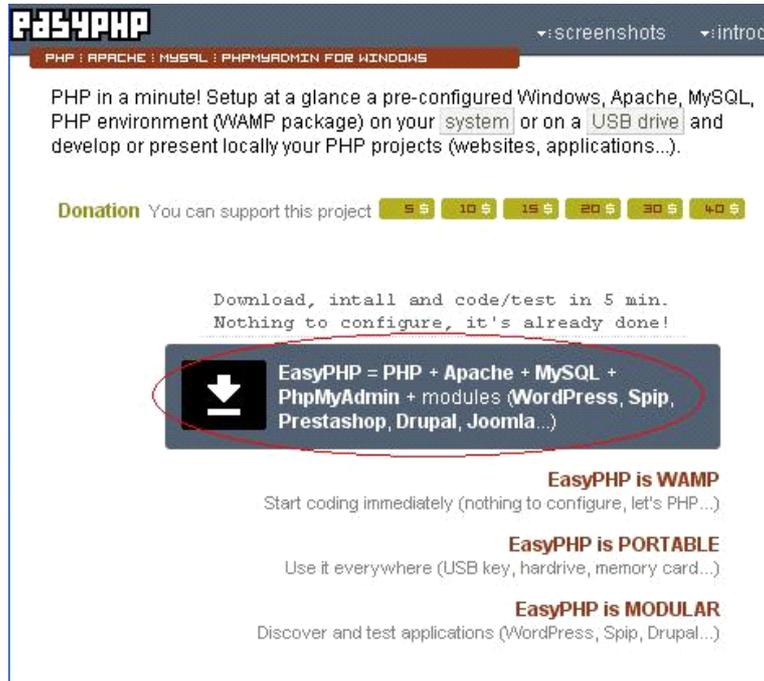# PHP+MYSQL, EASYPHP INSTALLATION GUIDE
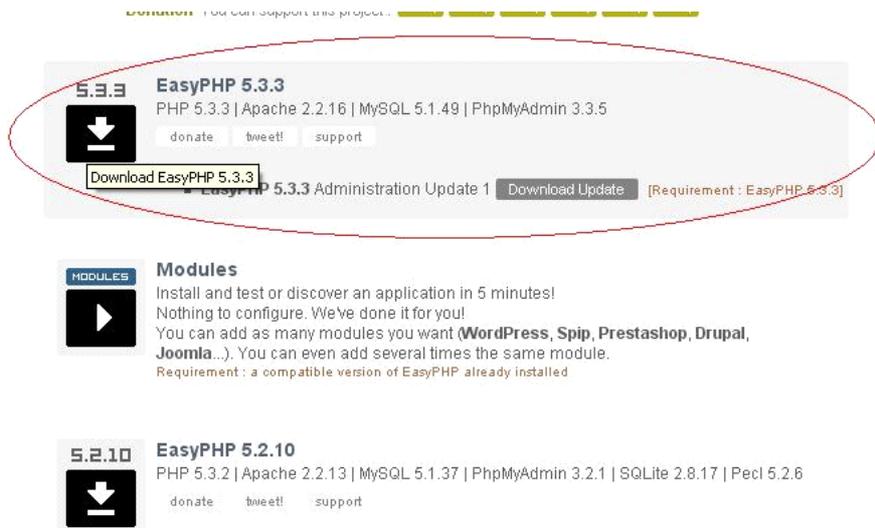
EasyPhp is a tool to install and configure an Apache server along with a database manager, MySQL.

Download the latest version from http://www.easyphp.org/ as seen in Step 1:

Step 1 EasyPhp download

Once clicked, we will have to select the preferred version for our operative system:
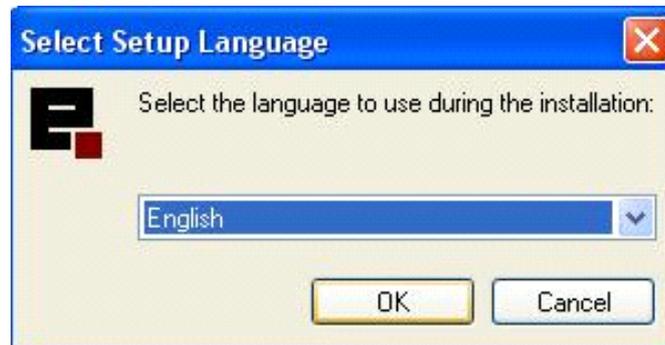

Step2 EasyPhp installation guide.

Next, it will appear a new window asking for our permission to download the executable file:

Step3 EasyPhp installation guide.

Once downloaded, run the EasyPHP-5.3.3-setup.exe file, where we will be asked about the setup language.

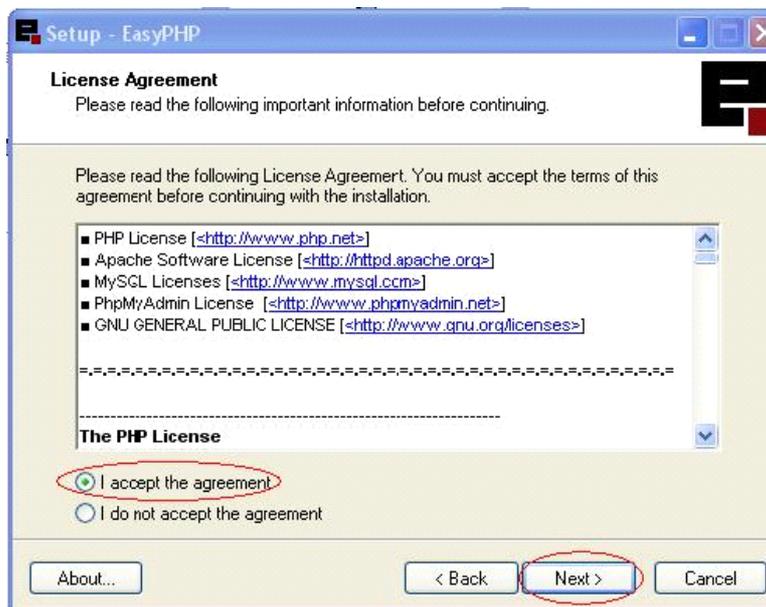This version is available in English and French:

Step4 EasyPhp installation guide.

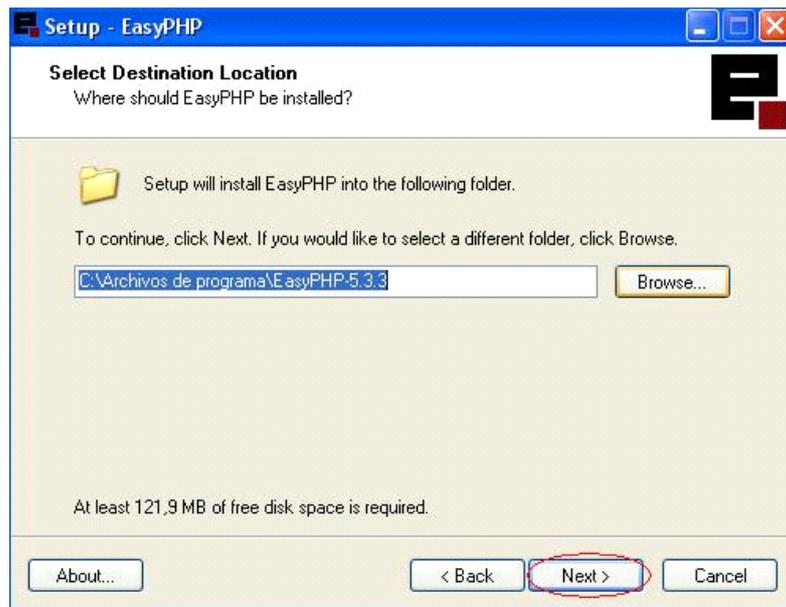The next window is the welcome one, so click button 'NEXT' to go on:

Step5 EasyPhp installation guide.

The next window is about the license terms. If we agree, click on "I accept the agreement" and button 'NEXT':
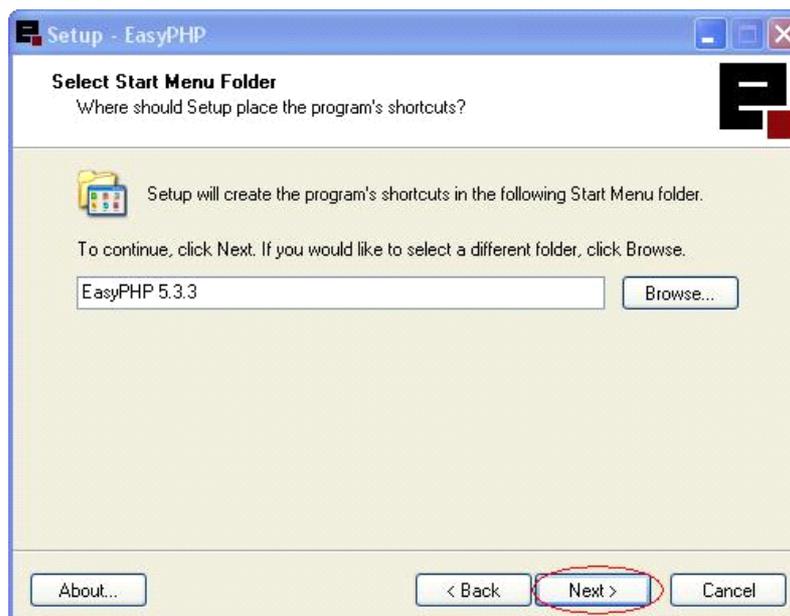

Step6 EasyPhp installation guide.

The next window will display the destination folder to install EasyPhp. It is important to remember this folder to access the web server location:
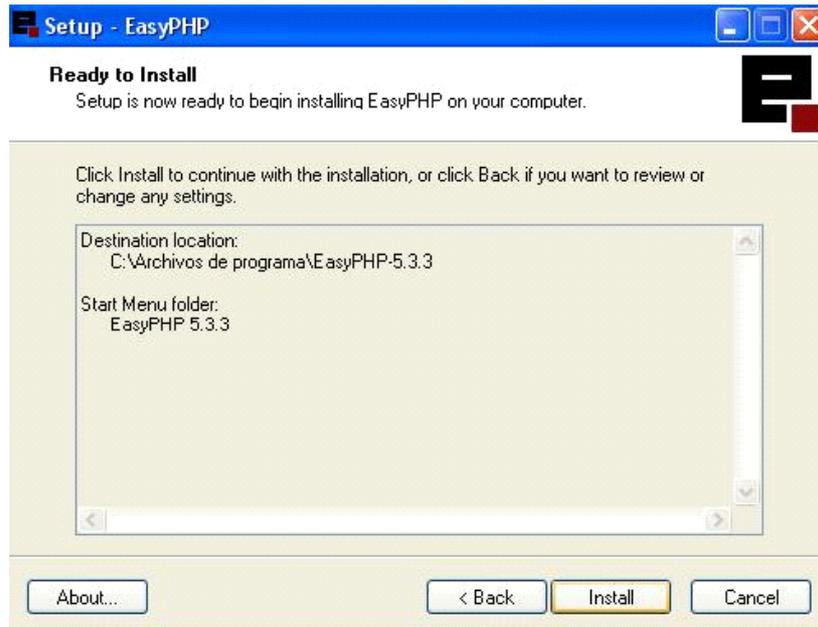
Step7 EasyPhp installation guide.
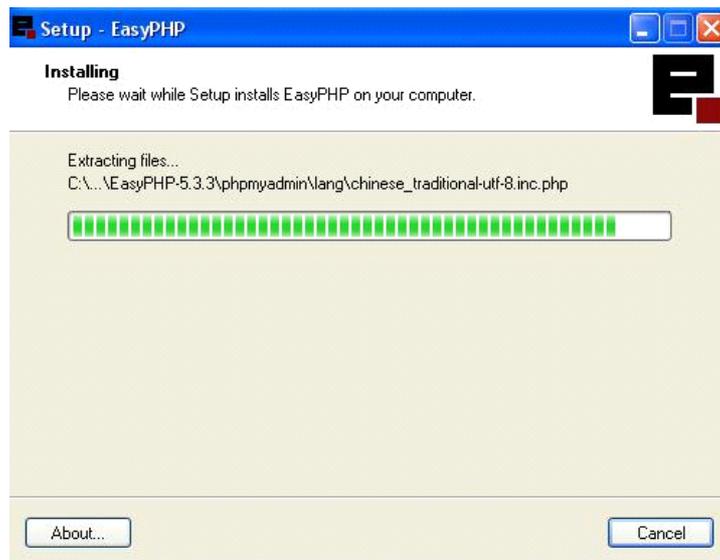
You can create shortcuts as well:

Step8 EasyPhp installation guide.

If everything has worked fine, the next window should be displayed:
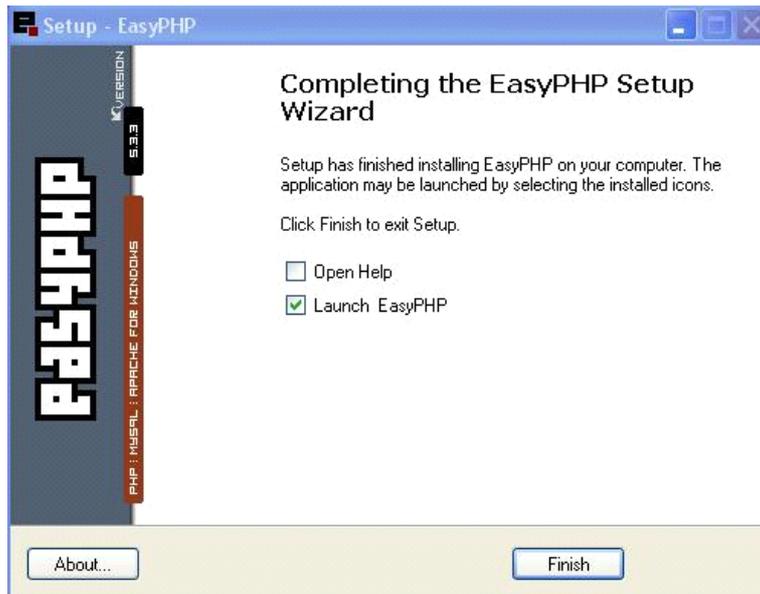
Step9 EasyPhp installation guide.

So the process will begin the installation

Step10 EasyPhp installation guide.

Once completed, the next window will launch the program by clicking the 'Finish' button.

Step11 EasyPhp installation guide.

Once started, there should appear the logo of EasyPhp in the lower right corner of the screen as follows:
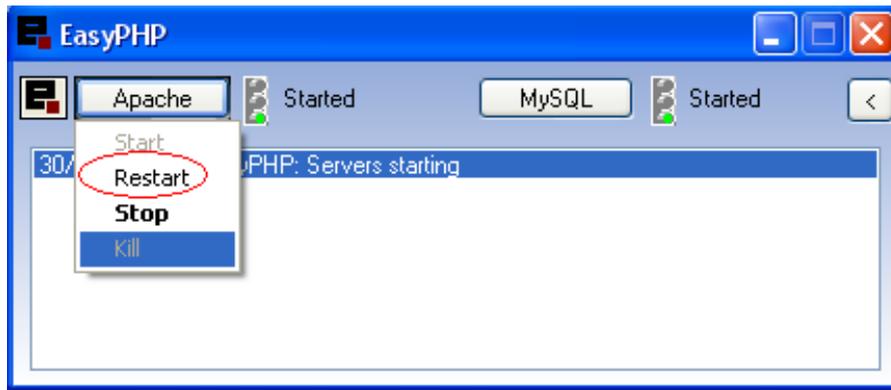

Step1 Running EasyPhp

If we click on it, there should appear the next window:
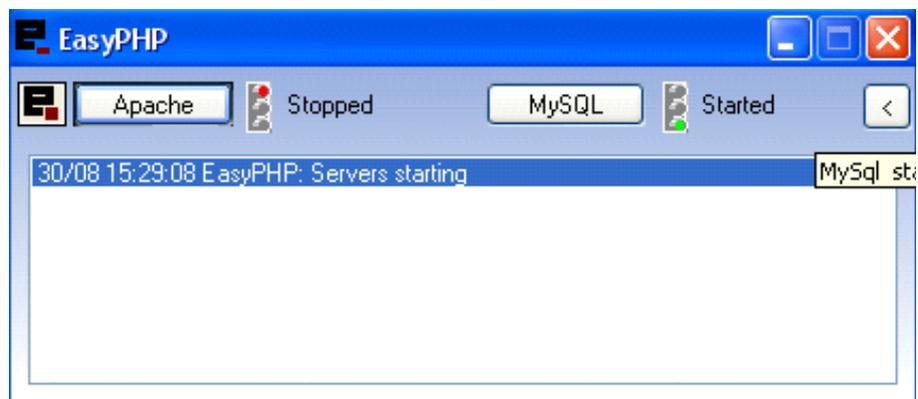

Step2 Running EasyPhp

If this window is shown with two green lights, it means that we can start working with Apache and MySQL. Otherwise we will have to solve the possible conflicts to start working.

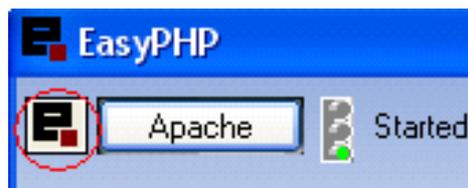To reset Apache or MySQL, we will have to press the button with its name.

Step3 Running EasyPhp

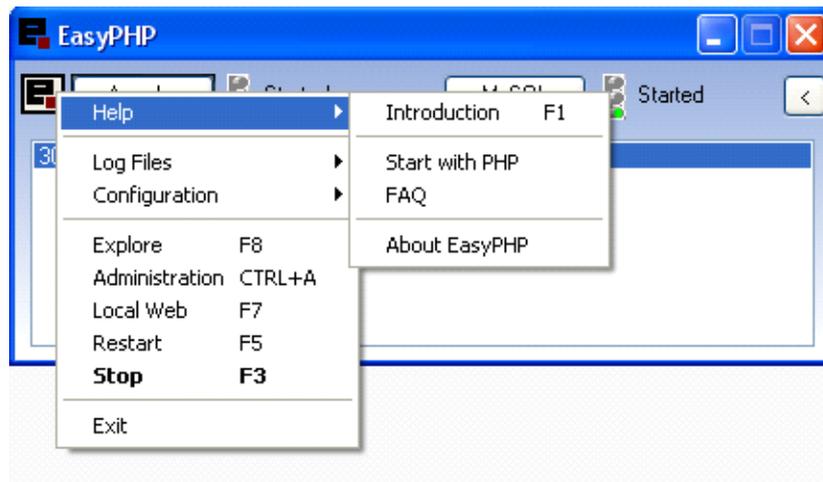In this case, the Apache server will stop (showing a red light) and will restart:

Step4 Running EasyPhp

To access the configuration of Apache or MySQL, you must click the logo on the top left of the application window:
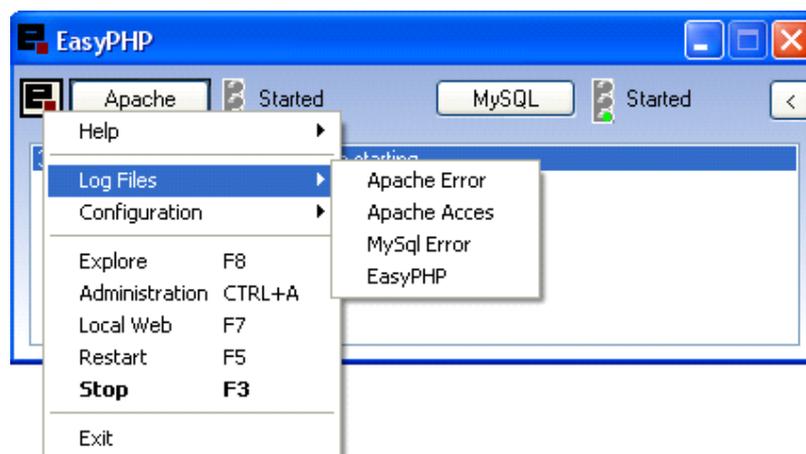

Step5 Running EasyPhp

This tab will display a menu with the following options:

Help Menu

The first option is Help, were you can find a Php tutorial along with the most frequently asked questions about EasyPhp.
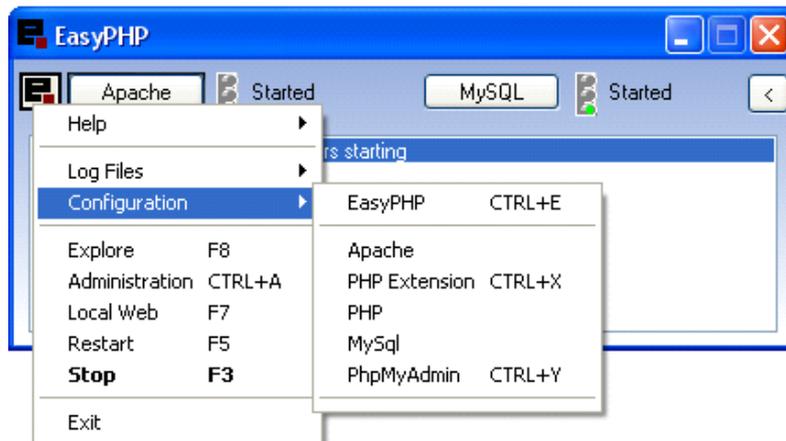
In Log Files menu we can find the following elements:
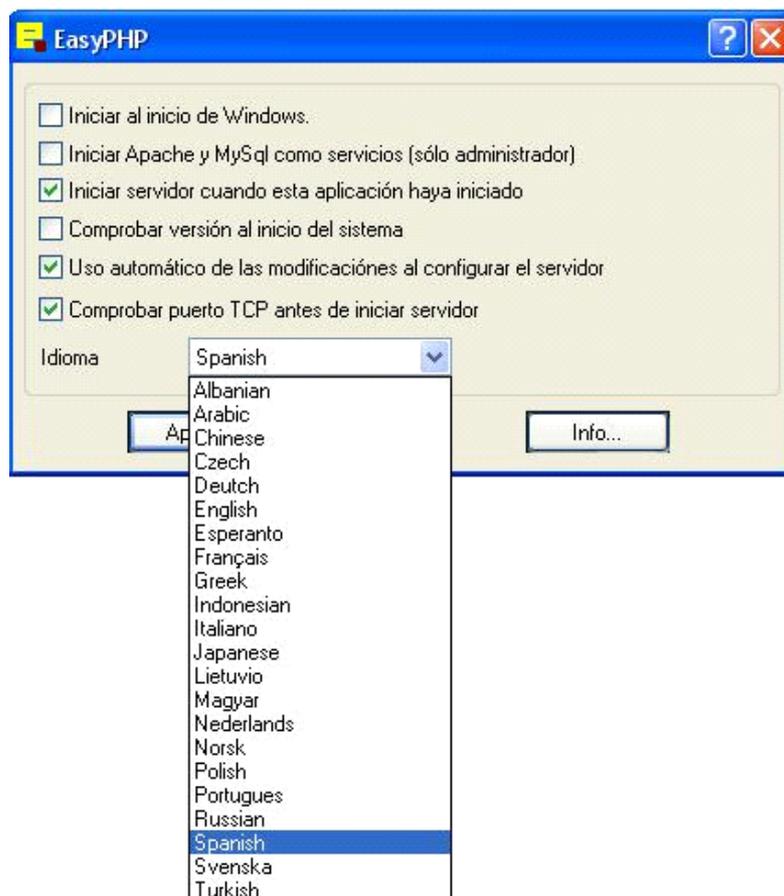

Log Files Menu

- Apache Error: contains the error messages produced by the Apache server.
- Apache Acces: contains a file with the addresses and elements that the served has used while it has been working.
- MySQL Error: contains a file with all the errors produced by MySQL (including databases accesses).
- EasyPHP: contains a file with all the errors generated by the program.

Configuration menu should be taken into account if there are system errors:

Configuration Menu.

This menu contains some links to open the configuration files of EasyPhp, Apache, MySQL and PhpMyAdmin. Some settings can be accessed from this menu as well:
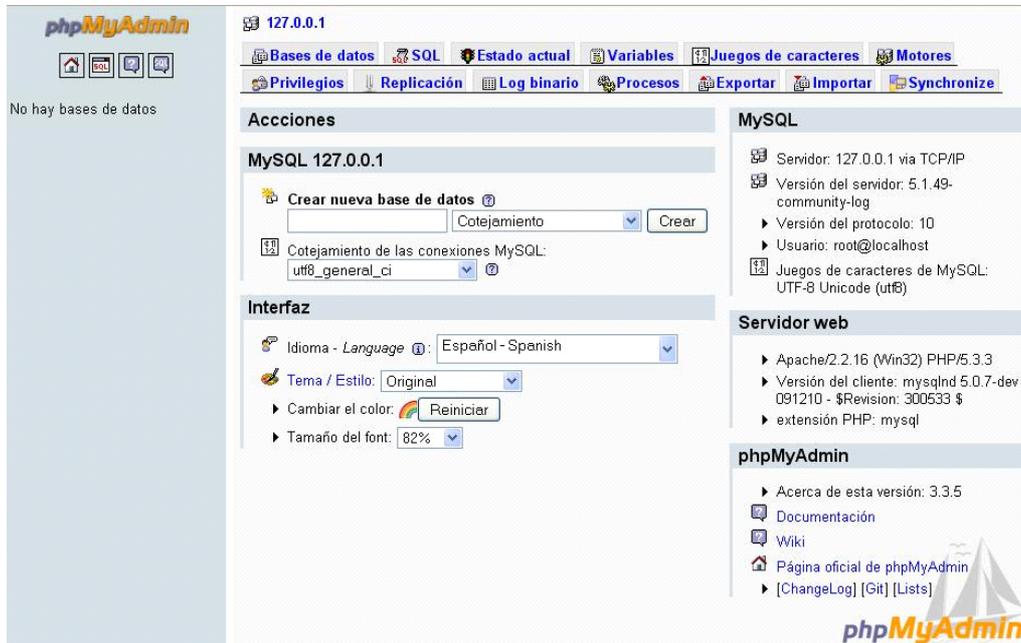

Configuration Menu.

We can change the language used, launch the program when Windows is started or verify the 80 port to check if it is free.

The Apache configuration menu allow us to modify some parameter as the listening port (sometimes is useful to change this parameter, especially to avoid conflicts).
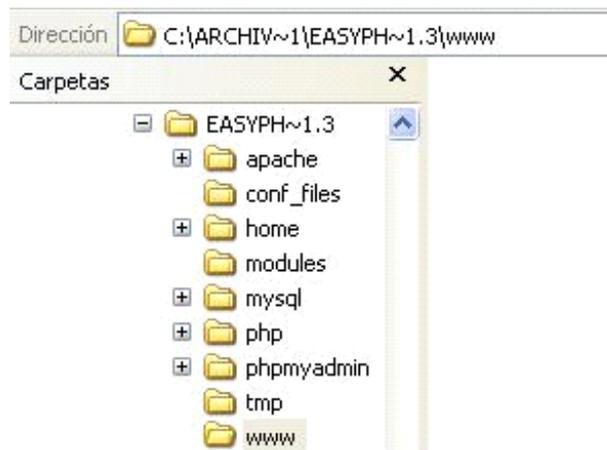
The next menu is about Php extensions, and should not be modified unless we want to change the type of files.

This menu has a link to PhpMyAdmin, which allows managing easily a database like MySQL. Use this link to run it.
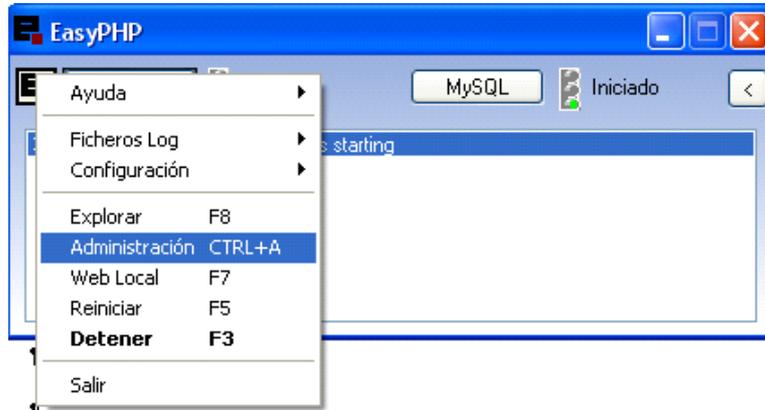

Main page PhpMyAdmin.

The next option in main menu is explore (F8). We can directly access to folder www of the web server (Apache in this case), **were html and php files must be located to run properly**:

Folder www.

The next option is administration:

Administration option.

Once clicked, we can access to the EasyPhp administration panel via web, were we can change some parameters and working options.
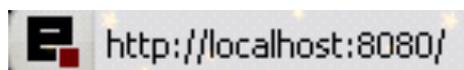

Administration panel.

The next option is localhost. We must run our applications from this location to make it work:

Figura 8.1.   Local web or localhost.

Or you can type the following URL in your browser:

Acceso a web local o localhost.

The number 8080 indicates the port number. If the accessed port is the estándar (80), you can just type http://localhost/ .

Finally restart options, which start again on Apache server and MySQL.

Parada de Apache y MySQL..

ERRORS ENCOUNTERED DURING THE INSTALLATION PROCESS

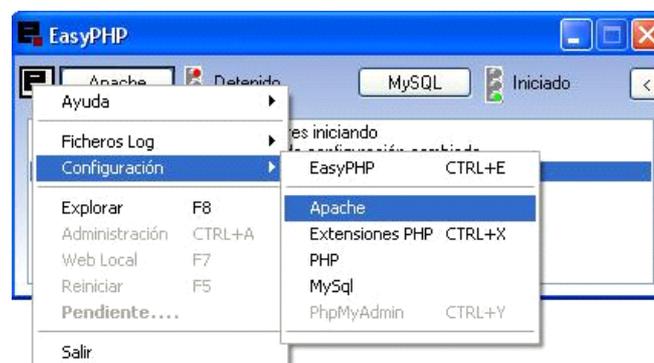Sometimes, while running EasyPhp, it gives an error in the Apache server startup:

Apache server error.

This error may be produced when the listening port is occupied by another application, so you have to follow these steps to solve it:
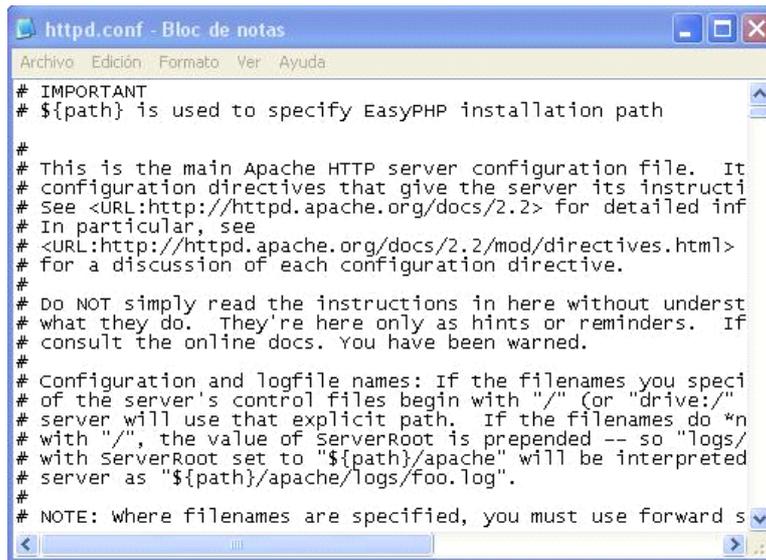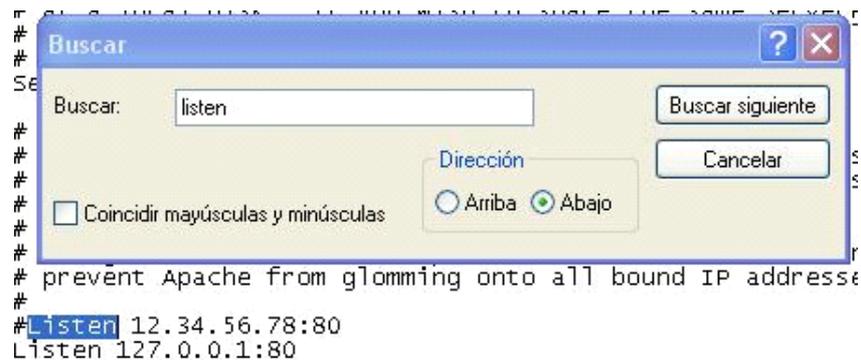
:

1. Open the configuration file of Apache Server:

Apache configuration.

2. You should see a notepad with file httpd.conf:

File httpd.conf.

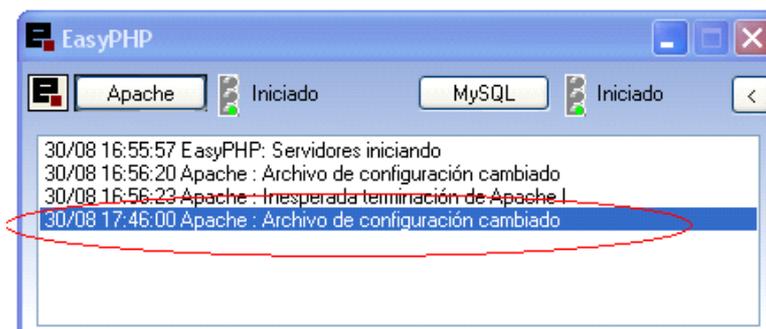2.   Search for the 'listen' word (with the notepad search option):

Port location.

3.   Change the port address instead of 127.0.0.1:80, to 127.0.0.1:8080:

New port addess, 8080.

4.   Save the new settings and restart the Apache server.

New Apache configuration.