



How to Install
Joomla 3.0
(Locally)



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Overview

This guide will show you how to install Joomla 3.0 to your local drive. By completing the installation you will have Joomla CMS and XAMPP working on your computer creating an excellent playground or sandbox for you to become familiar with Joomla 3.0 and to test out templates and extensions. Windows 7, XAMPP 1.8.1 (installer) and Joomla 3.0.1 were used for this guide.

Requirements

- Download Joomla 3.0 ([Click Here for the latest version](#))
 - Or paste the link into your browser <http://www.joomla.org/download.html>
- XAMPP ([Click here for the latest version](#))
 - XAMPP will need Apache and MySQL running (see below)
 - Or paste the link into your browser <http://www.apachefriends.org/en/xampp-windows.html#521>

Install XAMPP

1. The latest version of XAMPP can be installed from the [ApacheFriends website](#).
2. Choose 'Method A: Installation with the Installer' (other methods work similarly)
3. An executable file will be downloaded to your computer.
4. Double click the file to begin the installation process.
5. Choose your installation path [**Example: C:\xampp**], change if appropriate
6. Once installation completes, open the XAMPP Control Panel from your Start menu.
7. Ensure Apache and MySQL are installed and running.
 - a. Select the checkbox next to each module to install the service
 - b. To begin each service, select 'Start'

Your ports may vary from the screenshot below:



FIGURE 1 - XAMPP CONTROL PANEL

Test XAMPP Setup

Confirm that each service started successfully by validating your XAMPP installation. If you have problems, troubleshoot with the XAMPP forums [<http://www.apachefriends.org/f/viewforum.php?f=34>]

1. Open your web browser
2. Type '**http://localhost:8081**'
 - Change the Port ID if necessary. The default for Apache is Port 80.
3. If the XAMPP splash page (below) appears, your installation was successful.



FIGURE 2 - XAMPP SPLASH PAGE

Download Joomla 3.0

1. Go to the main Joomla website: <http://www.joomla.org/3/en>
2. Choose 'Download' to receive the latest version of Joomla
 - At the time of documentation, 3.0.1 was the latest

Install Joomla 3.0

1. Right click on your Joomla 3.0 zip file
2. Choose 'Extract All'
3. Select the 'Htdocs' folder of your XAMPP directory
4. Create a new subfolder for your Joomla files (Joomla30 or Joomlaxx),
 - This folder name will become your "website" address
5. Select Extract – Joomla will begin unpacking the CMS to your computer

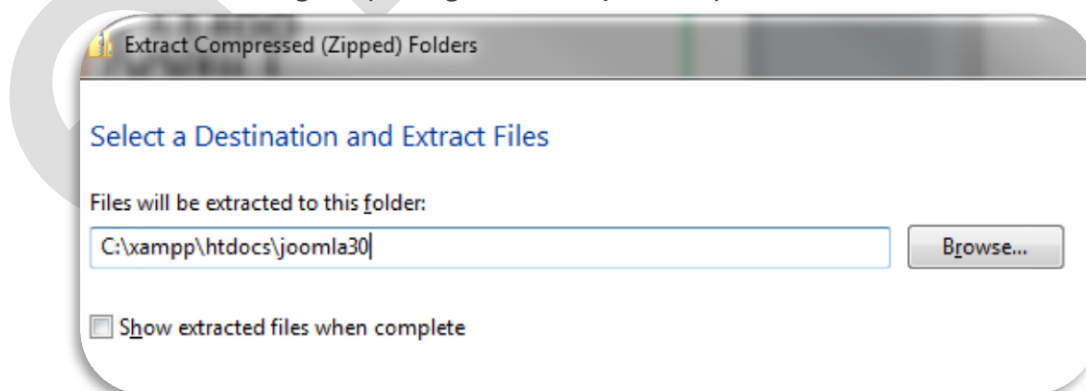


FIGURE 3 - EXTRACT DESTINATION



Test Joomla Extraction

Validate that the Joomla files were unpacked correctly, test the new site:

1. In your web browser type: <http://localhost:8081/joomla30/>
 - o Change the Port ID as necessary
 - o The Joomla Configuration Screen should appear

Successful extraction!

The screenshot shows the Joomla! 3.0 Configuration screen. At the top, the Joomla! logo is displayed, followed by the text "Joomla! is free software released under the GNU General Public License." Below this, there are three tabs: "1 Configuration", "2 Database", and "3 Overview". The "Configuration" tab is active. Underneath, there is a "Select Language" dropdown menu set to "English (United States)" and a "Next" button. The "Main Configuration" section contains several input fields and a toggle:

- Site Name ***: A text input field with the instruction "Enter the name of your Joomla! site."
- Description**: A text area with the instruction "Enter a description of the overall Web site that is to be used by search engines. Generally, a maximum of 20 words is optimal."
- Admin Email ***: A text input field with the instruction "Enter an email address. This will be the email address of the Web site Super Administrator."
- Admin Username ***: A text input field with the value "admin" and the instruction "You may change the default username admin."
- Admin Password ***: A text input field with the instruction "Set the password for your Super Administrator account and confirm it in the field below."
- Confirm Admin Password ***: A text input field.
- Site Offline**: A toggle with "No" selected and "Yes" unselected. The instruction below is "Set the site frontend offline when installation is completed. The site can be set online later on through the Global Configuration."

FIGURE 4 - JOOMLA 3.0 CONFIGURATION SCREEN

Main Configuration

Fill in your main configuration options.

1. Choose the language for your instance
2. Enter your Site Name
3. Enter a SEO friendly description, this can be changed later.
4. Enter an email address for Admin activities
5. Choose a username and enter it (this is the name you will access Joomla with)
6. Choose a password and confirm it in the next field.
7. Select whether or not your site will be offline once it's launched.
 - o Remember this is a local installation, this may not be necessary unless your workstation is public
8. View your selections and press Next in the upper right corner

Configure the Database

The screenshot shows the Joomla! Database Configuration interface. It includes a progress bar at the top with three steps: 1. Configuration, 2. Database (active), and 3. Overview. Below the progress bar are 'Previous' and 'Next' buttons. The main form contains the following fields and instructions:

- Database Type ***: A dropdown menu set to 'MySQL'. Below it, the text reads: "This is probably 'MySQL'".
- Host Name ***: An empty text input field. Below it, the text reads: "This is usually 'localhost'".
- Username ***: An empty text input field. Below it, the text reads: "Either something as 'root' or a username given by the host".
- Password ***: An empty text input field. Below it, the text reads: "For site security using a password for the database account is mandatory".
- Database Name ***: An empty text input field. Below it, the text reads: "Some hosts allow only a certain DB name per site. Use table prefix in this case for distinct Joomla! sites."
- Table Prefix ***: A text input field containing 'dk8my_'. Below it, the text reads: "Choose a table prefix or use the **randomly generated**. Ideally, three or four characters long, contain only alphanumeric characters, and **MUST** end in an underscore. **Make sure that the prefix chosen is not used by other tables.**"
- Old Database Process ***: Two buttons, 'Backup' and 'Remove', are positioned to the right of the label. Below them, the text reads: "Any existing backup tables from former Joomla! installations will be replaced".

FIGURE 5 - DATABASE CONFIGURATION

Enter the database information. You may need to create a new database instance if you do not already have one. The instructions on how to do so are located in the troubleshooting section. Proceed only if you have a database created and know the access credentials.

1. Enter the host name. Since this is on your local machine this will be localhost
2. Enter the user name for the server, often this will be 'root'
3. Enter the password for the server account
4. Enter the database name
5. Choose your Table Prefix, this will help you to identify Joomla core entries in the database tables
6. Select your preference for the old managing existing tables.

Final Steps

[Follow Figure 6 for this step](#)

1. Select the type of sample data you want to populate your site. This is good for beginners to learn Joomla or become more familiar with Joomla 3.0.
2. Confirm your email configuration settings.
3. Review all installation settings
4. Review all recommended settings and make adjustments as needed
5. Select Install if all settings are correct
 - o If not, press previous and make adjustments
6. Once your installation is complete, you will receive the success message.

Congratulations you now have a Joomla 3.0 site on your local machine!!



Remove Installation Folder

Clean Up – Your site won't function until you remove the installation folder.

1. Click Remove Installation Folder

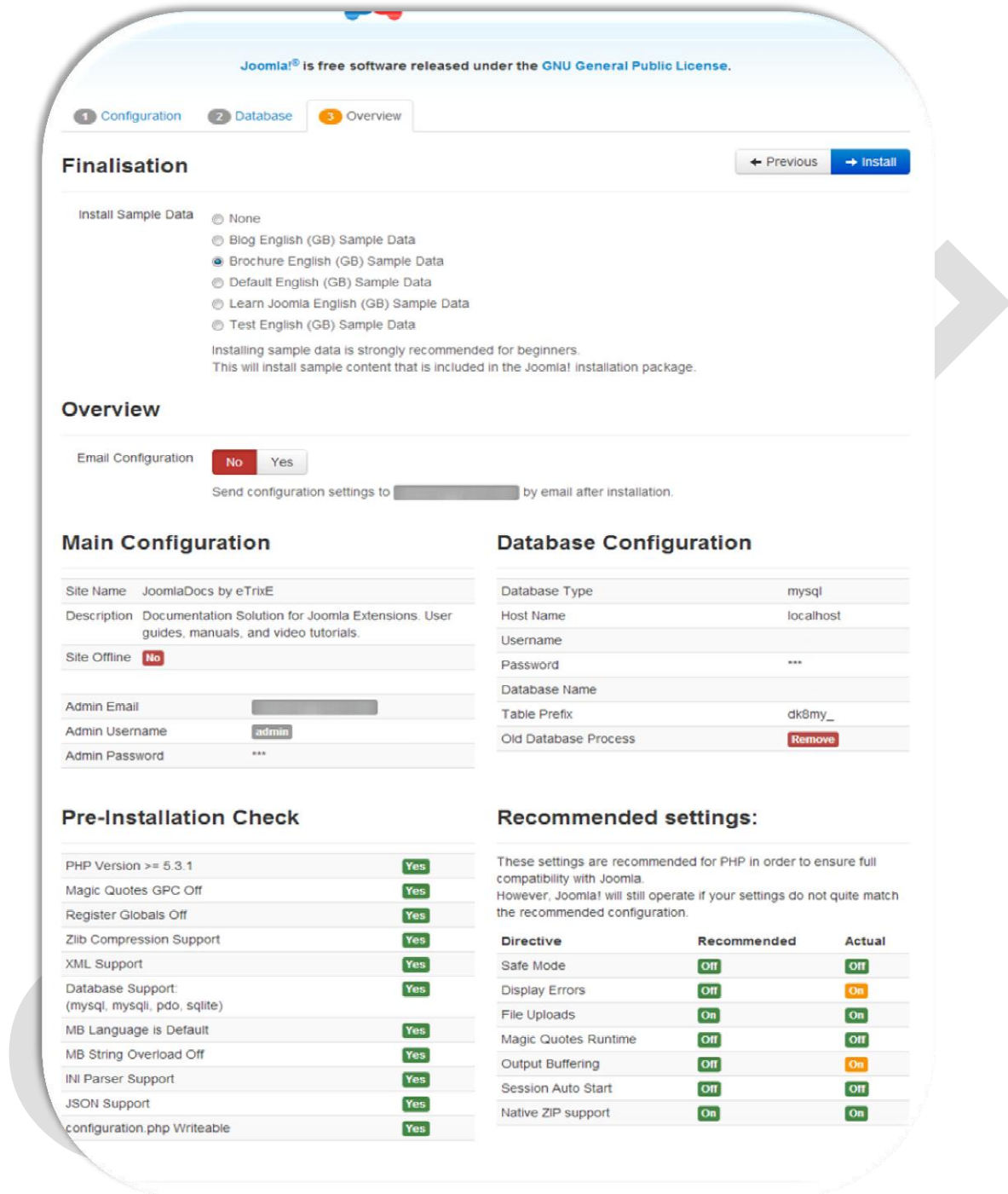


FIGURE 6 - FINAL OVERVIEW SCREEN