A decorative vertical bar on the left side of the slide, featuring a series of thin, light blue vertical stripes of varying widths. Overlaid on these stripes are several solid teal-colored circles of different sizes, arranged in a cluster that tapers towards the bottom.

## **CHAPTER 5.1 - INSTALLING Joomla 3.0 ON LOCAL HOST USING XAMPP**

# INTRODUCTION

- Joomla is an open source content management system which based on PHP and MySQL.
- You can work with it both online or offline.
- However, managing Joomla offline requires you to install a compatible w.
- Now, in order to run Joomla!, you need not only a web server, but also 2 more things:
  - PHP script interpreter and
  - MySQL database system.
- It sounds complicated but thankfully, there is a single package called XAMPP with all the elements included.



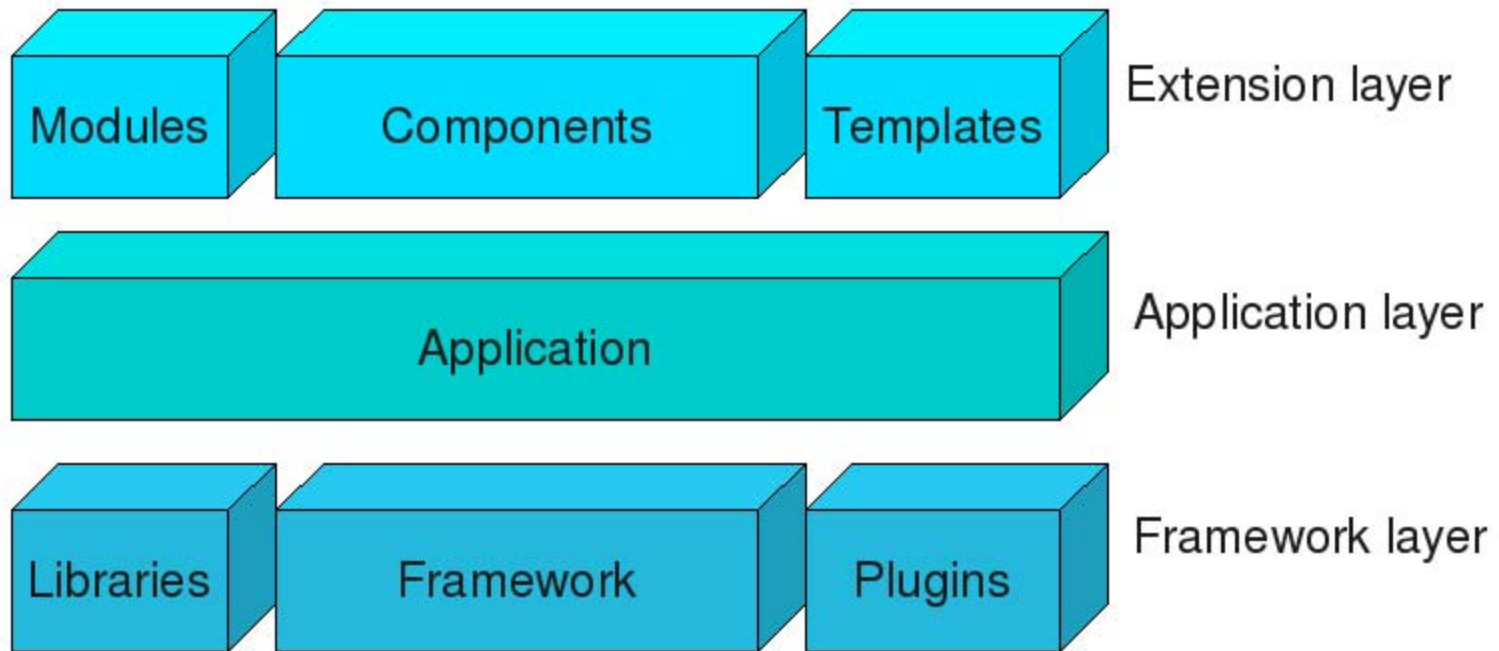
# WHAT IS JOOMLA!?



- Joomla! is considered as PHP based dynamic portal engine and content management system.
- The real power of Joomla! lies in the scalability
  - It can be achieved with the use of custom extensions which include templates, language files, plug-ins, modules and components.
- *Joomla* is a phonetic spelling for the Swahili word "Jumla," which means "all together" or "as a whole".



# JOOMLA FRAMEWORK



# JOOMLA! EXTENSIONS

- A Joomla! extension is a code package that extends the functionality or feature of default Joomla! installation.
- Type of Joomla! 2.5 Extensions:

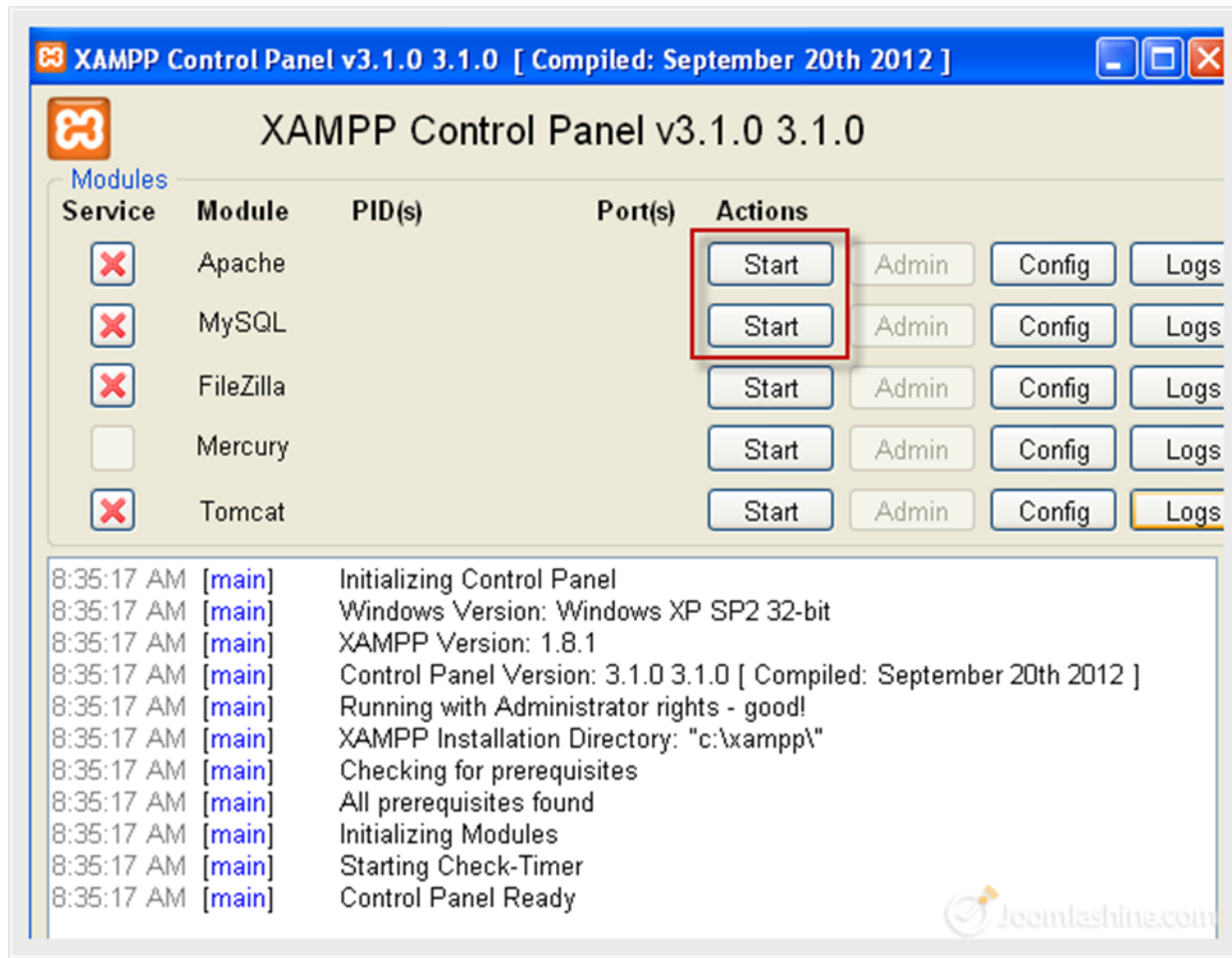


# INSTALLING XAMPP

- Download the XAMPP installer package.
- Run the installation file as you do with regular software and follow the step by step instructions.
- Open “XAMPP Control Panel Application” and start “Apache” and “MySQL”.



# XAMPP CONTROL PANEL APPLICATION

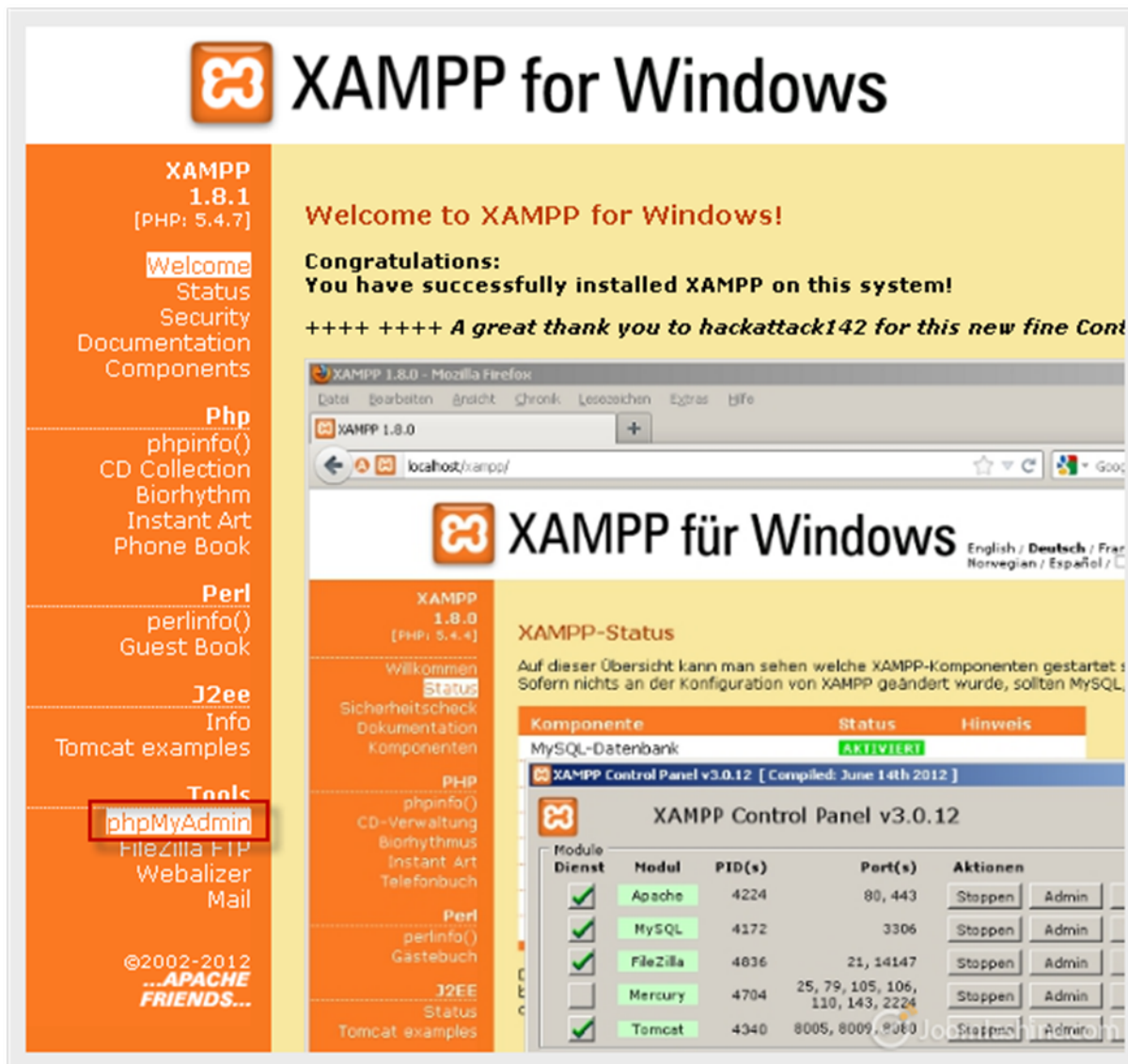


# XAMPP FOR WINDOWS INTERFACE





# CLICK “PHPMyAdmin”



**XAMPP for Windows**

**XAMPP 1.8.1**  
[PHP: 5.4.7]

Welcome  
Status  
Security  
Documentation  
Components

**Php**  
phpinfo()  
CD Collection  
Biorhythm  
Instant Art  
Phone Book

**Perl**  
perlinfo()  
Guest Book

**J2ee**  
Info  
Tomcat examples

**Tools**  
**phpMyAdmin**  
FileZilla FTP  
Webalizer  
Mail

©2002-2012  
...**APACHE**  
**FRIENDS...**

**Welcome to XAMPP for Windows!**

**Congratulations:**  
**You have successfully installed XAMPP on this system!**

++++ +++++ *A great thank you to hackattack142 for this new fine Cont*

XAMPP 1.8.0 - Mozilla Firefox

XAMPP 1.8.0

localhost/xampp/

**XAMPP für Windows** English / Deutsch / Fran  
Norwegian / Español /

**XAMPP-Status**

Auf dieser Übersicht kann man sehen welche XAMPP-Komponenten gestartet  
Sofern nichts an der Konfiguration von XAMPP geändert wurde, sollten MySQL,

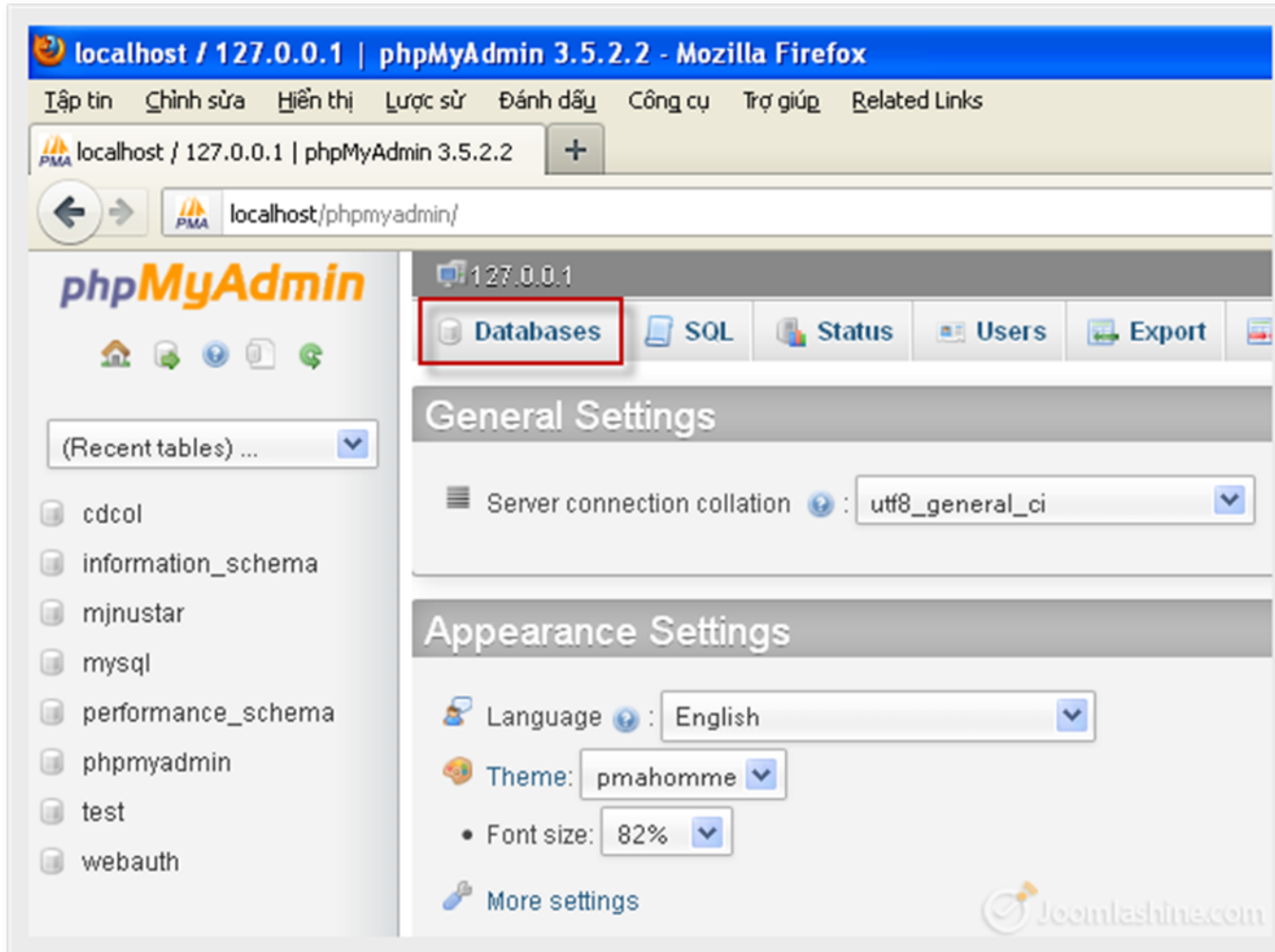
Komponente	Status	Hinweis
MySQL-Datenbank	AKTIVIERT	

XAMPP Control Panel v3.0.12 [ Compiled: June 14th 2012 ]

**XAMPP Control Panel v3.0.12**

Module	Dienst	Modul	PID(s)	Port(s)	Aktionen
<input checked="" type="checkbox"/>	Apache	Apache	4224	80, 443	Stoppen Admin
<input checked="" type="checkbox"/>	MySQL	MySQL	4172	3306	Stoppen Admin
<input checked="" type="checkbox"/>	FileZilla	FileZilla	4836	21, 14147	Stoppen Admin
<input type="checkbox"/>	Mercury	Mercury	4704	25, 79, 105, 106, 110, 143, 2224	Stoppen Admin
<input checked="" type="checkbox"/>	Tomcat	Tomcat	4340	8005, 8009, 8080	Stoppen Admin

# CLICK “DATABASE”



The screenshot displays the phpMyAdmin 3.5.2.2 web interface in a Mozilla Firefox browser. The address bar shows the URL `localhost / 127.0.0.1 | phpMyAdmin 3.5.2.2`. The top navigation bar includes links for `Tập tin`, `Chỉnh sửa`, `Hiện thị`, `Lược sử`, `Đánh dấu`, `Công cụ`, `Trợ giúp`, and `Related Links`. Below this, a breadcrumb trail shows `localhost / 127.0.0.1 | phpMyAdmin 3.5.2.2` with a plus icon. The main navigation area features a sidebar on the left with the phpMyAdmin logo and a list of recent tables: `(Recent tables) ...`, `cdcol`, `information_schema`, `mjnustar`, `mysql`, `performance_schema`, `phpmyadmin`, `test`, and `webauth`. The main content area has a tabbed interface with the following tabs: `Databases` (highlighted with a red box), `SQL`, `Status`, `Users`, and `Export`. The `Databases` tab is active, showing the `General Settings` section with a `Server connection collation` dropdown set to `utf8_general_ci`. Below this is the `Appearance Settings` section, which includes a `Language` dropdown set to `English`, a `Theme` dropdown set to `pmahomme`, and a `Font size` dropdown set to `82%`. A `More settings` link is also present. The bottom right corner of the interface features a watermark for `Joomlashing.com`.

# CREATE DATABASE

127.0.0.1

Databases SQL Status Users Export Import Settings S

## Databases

Create database ⓘ

joomla30 Collation ▼ Create

Database	
<input type="checkbox"/> cdcol	<a href="#">Check Privileges</a>
<input type="checkbox"/> information_schema	<a href="#">Check Privileges</a>

Joomlashina.com

# INSTALLING JOOMLA!

- Download the Joomla! 3.0.x full package at <http://www.joomla.org/download.html>
- Create a new folder entitled “*Joomla30*” in folder “*htdocs*” in XAMPP folder.
- Normally it will be located at “*C:\xampp\htdocs*” Unpack the downloaded package file into the folder “*Joomla30*” Go to the URL <http://localhost/Joomla30>
- Follow all steps in Joomla! Installation.



# STEP 1. MAIN CONFIGURATION

- **Select Language:** Choose your own language in the drop-down menu, for example, “*English (United States)*”
- **Site Name:** Enter the name of your site
- **Description:** Enter the description of your site
- **Site Offline:** Choose status for your website when you access to your site: Click “**Yes**” for “*offline*” and “**No**” for “*online*”
- **Admin Email:** Enter your valid email address you want to use for your site
- **Admin Username:** Enter “*admin*” as default
- **Admin Password:** Enter your own password
- **Confirm Admin Password:** Re-type your password
- Click “Next” to continue Step 2



## STEP 2. DATABASE CONFIGURATION

- Database Type: Select MySQLi
- Host Name: Enter “*localhost*”
- Username: Enter “*root*”
- Password: let it blank
- Database Name: enter the name of the database you created “*Joomla30*”
- Table Prefix: let it generate automatically
- Old Database Process: Click “Backup” to backup tables from former Joomla! installation, or “Remove” to delete these tables
- Click “Next” to continue Step 3



## STEP 3. OVERVIEW

- Finalization: You can choose installing sample data or not, by clicking on corresponding selection.
- Overview: This step is to review all information you configured in step 1. After checking, you click *“Install”*.
- When installation finishes, you just need to click the button **“Remove installation folder”** button to complete the installation process.
- After that, you can either click on **“Site”** to see your newly created or **“Administrator”** to access the administration area.

