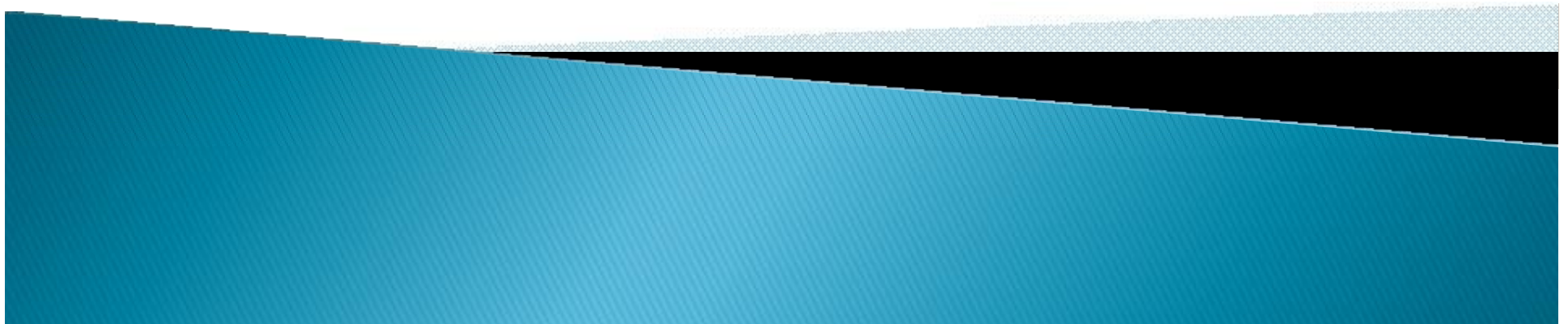


TUTORIAL INSTALASI Joomla 1.6

Azilmi Lukmanul Hakim
<http://azilmi.wordpress.com>



CopyLeft

Artikel ini dapat disebarakan dan didistribusikan secara luas, dan dapat digunakan sebagai media bahan ajar bagi yang ingin mempelajari joomla ver 1.6 dan dapat digunakan sebagai training, mengajar dll.

Semoga bermanfaat

Saran dan kritik dapat dikirim ke
<http://azilmi.wordpress.com>



Joomla! 1.6

Joomla adalah sebuah aplikasi web yang merupakan sebuah sistem manajemen konten (cms) yang bebas dan terbuka (free opensource) ditulis menggunakan PHP dan basisdata MySQL untuk keperluan web, Fitur-fitur Joomla! diantaranya adalah sistem *caching* untuk peningkatan performansi, RSS, blogs, poling, dll. Joomla! menggunakan lisensi GPL. Joomla! dapat berjalan pada sistem Windows maupun Unix



Joomla! 1.6

Untuk dapat menjalankan Joomla! pada web-server, dibutuhkan sistem sebagai berikut

- ▶ Apache Web Server
- ▶ PHP
- ▶ MySQL Database



Joomla! 1.6 Windows

Joomla dapat berjalan dalam web-server maupun server lokal (localhost) windows

Apache-MySQL-PHP keperluan wesberver

- ▶ <http://httpd.apache.org/download.cgi>
- ▶ <http://dev.mysql.com/downloads/>
- ▶ <http://www.php.net/downloads.php>

Apache-MySQL-PHP untuk localhost

- ▶ XAMPP
<http://www.apachefriends.org/en/xampp-windows.html>
- ▶ WAMP
<http://www.wampserver.com/en/download.php>



Joomla! 1.6 Linux

Sama halnya seperti windows, pada linux joomla memerlukan Apache-MySQL-PHP (LAMP)

Dapat digunakan menggunakan Packet Manager atau pun command Line

Berikut module yang diperlukan

- ▶ Apache2- apache2-doc apache2-mpm-prefork apache2-utils
apache2-suexec libexpat1 ssl-cert
- ▶ MySQL- mysql-server mysql-client libmysqlclient15-dev
- ▶ PHP5- libapache2-mod-php5 libapache2-mod-ruby libapache2-mod-python php5 php5-common php5-curl php5-dev php5-gd php5-idn php-pear php5-imagick php5-imap php5-mcrypt php5-memcache php5-mhash php5-ming php5-mysql php5-openssl php5-recode php5-snmp php5-sqlite php5-tidy php5-xmlrpc php5-xsl



Instalasi

Pada kesempatan kali ini saya akan membahas proses instalasi Joomla! 1.6 pada webserver-lokal pada windows (localhost) dengan menggunakan XAMPP



Instalasi

- ▶ Download Joomla! 1.6

http://joomlancode.org/gf/project/joomla/frs/?action=FrsReleaseBrowse&frs_package_id=5696

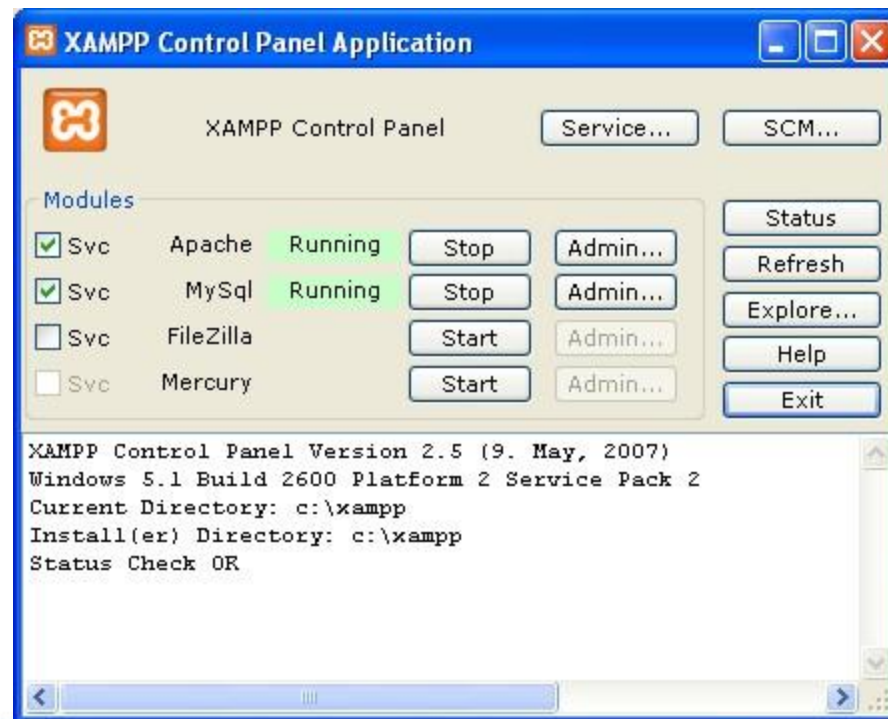
- ▶ Download XAMPP

<http://www.apachefriends.org/en/xampp-windows.html>



Instalasi

Langkah pertama adalah lakukan instalasi XAMPP, lalu jalan kan service apache dan MySQL, bila telah berhasil akan terlihat seperti ini



Instalasi

Setelah XAMPP berhasil di instal, ekstrak file Joomla yang telah di download ke folder dimana XAMPP di instal, biasanya XAMPP di instal di C:\xampp

Ekstrak file Joomla! 1.6 ke folder

C:\xampp\htdocs – lalu buat folder nama web kita, misalnya nanti web kita akan diberinama belajar

C:\xampp\htdocs\belajar



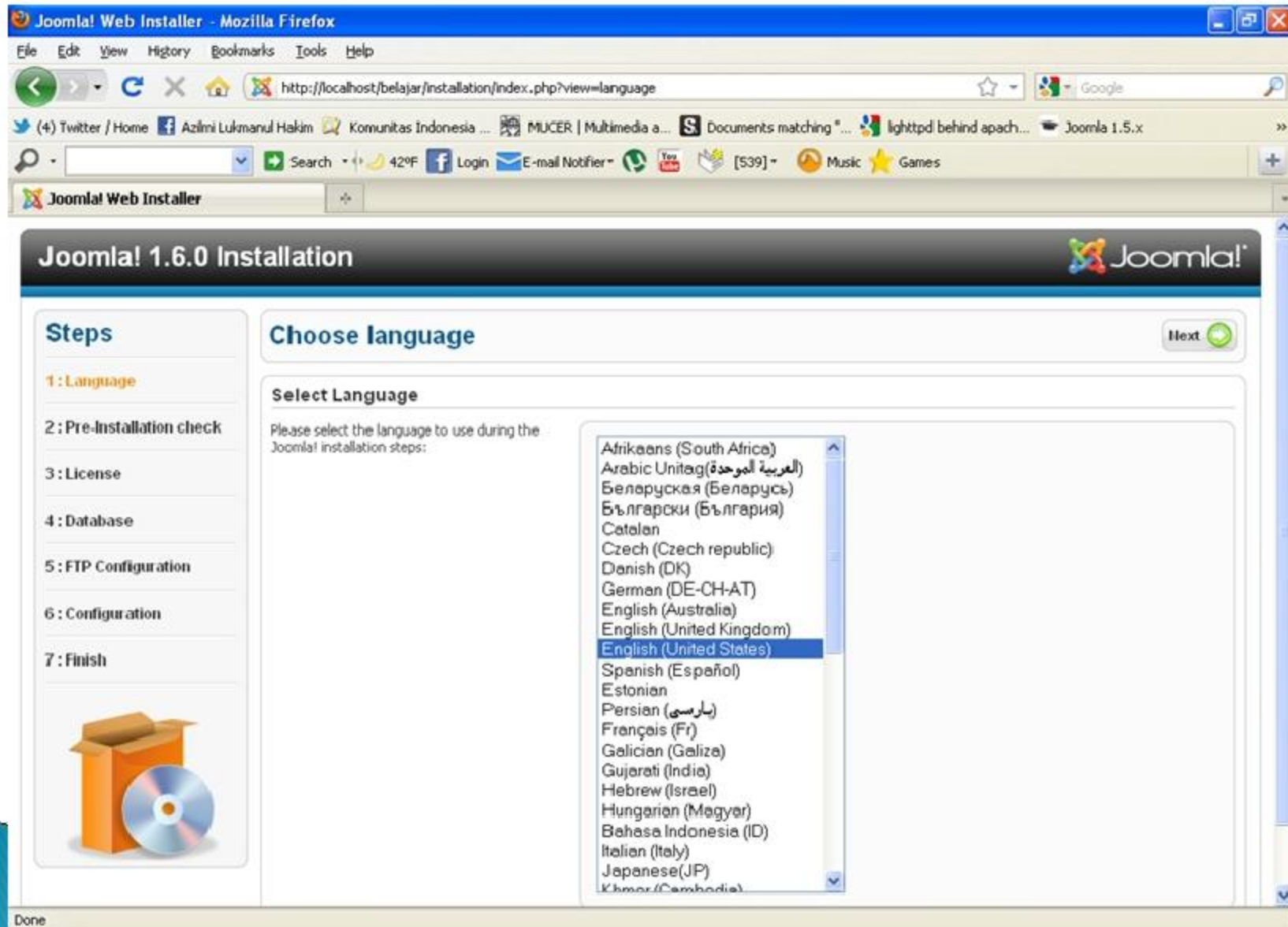
Instalasi

Joomla merupakan sebuah web-aplikasi, untuk melakukan instalasi pada joomla, kita akan melakukan instalasi menggunakan web browser seperti firefox

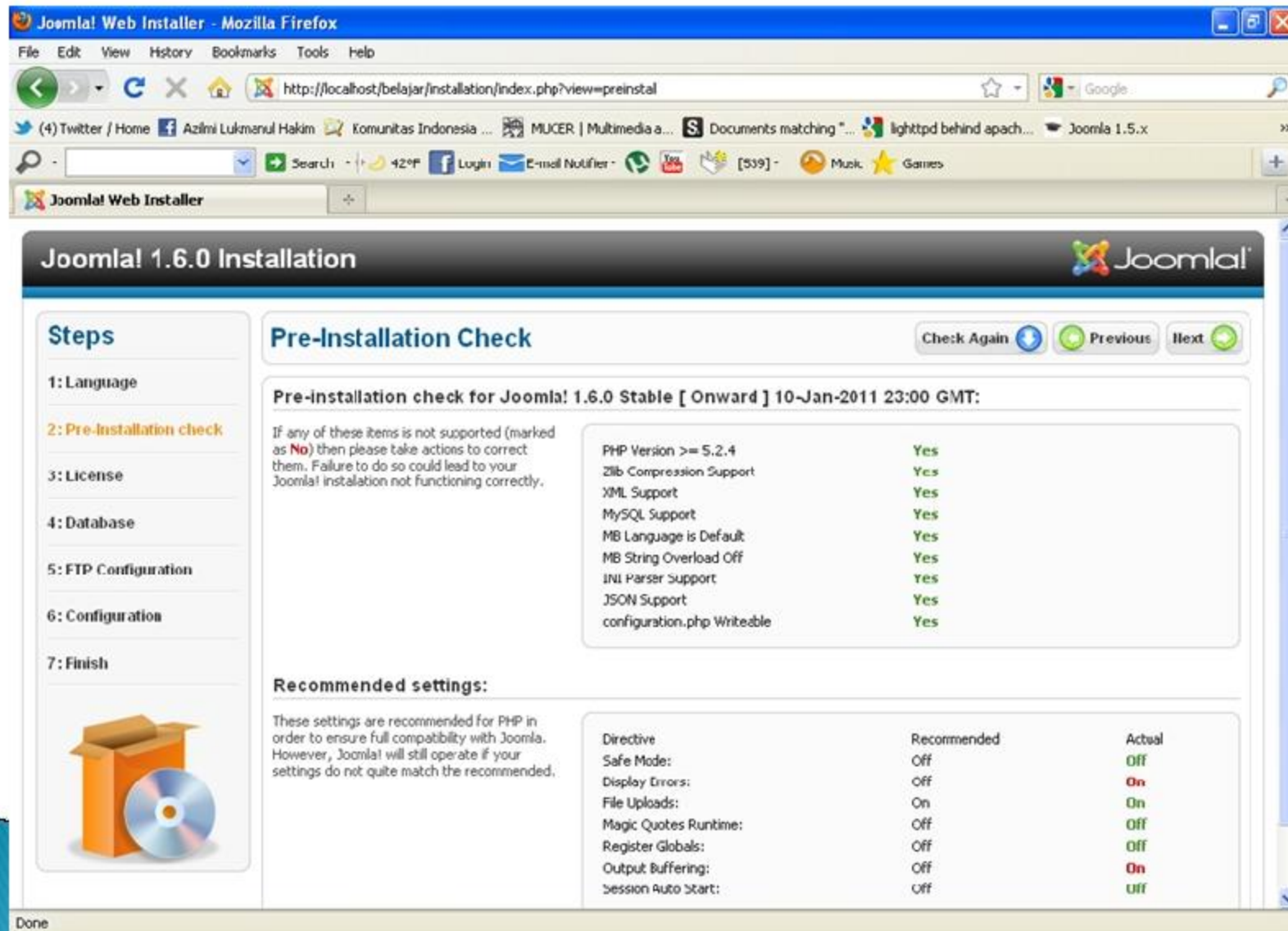
1. Buka firefox
2. Masukkan alamat tempat joomla kita tadi diinstal, karena kita menggunakan localhost, alamat joomla kita akan berada di [http://localhost/\[nama_folder\]](http://localhost/[nama_folder]) sesuaikan dengan folder yang tadi kita ekstrak file joomla
<http://localhost/belajar/>



Pilih bahasa yang digunakan



Joomla akan melakukan check terhadap module yang Joomla perlukan

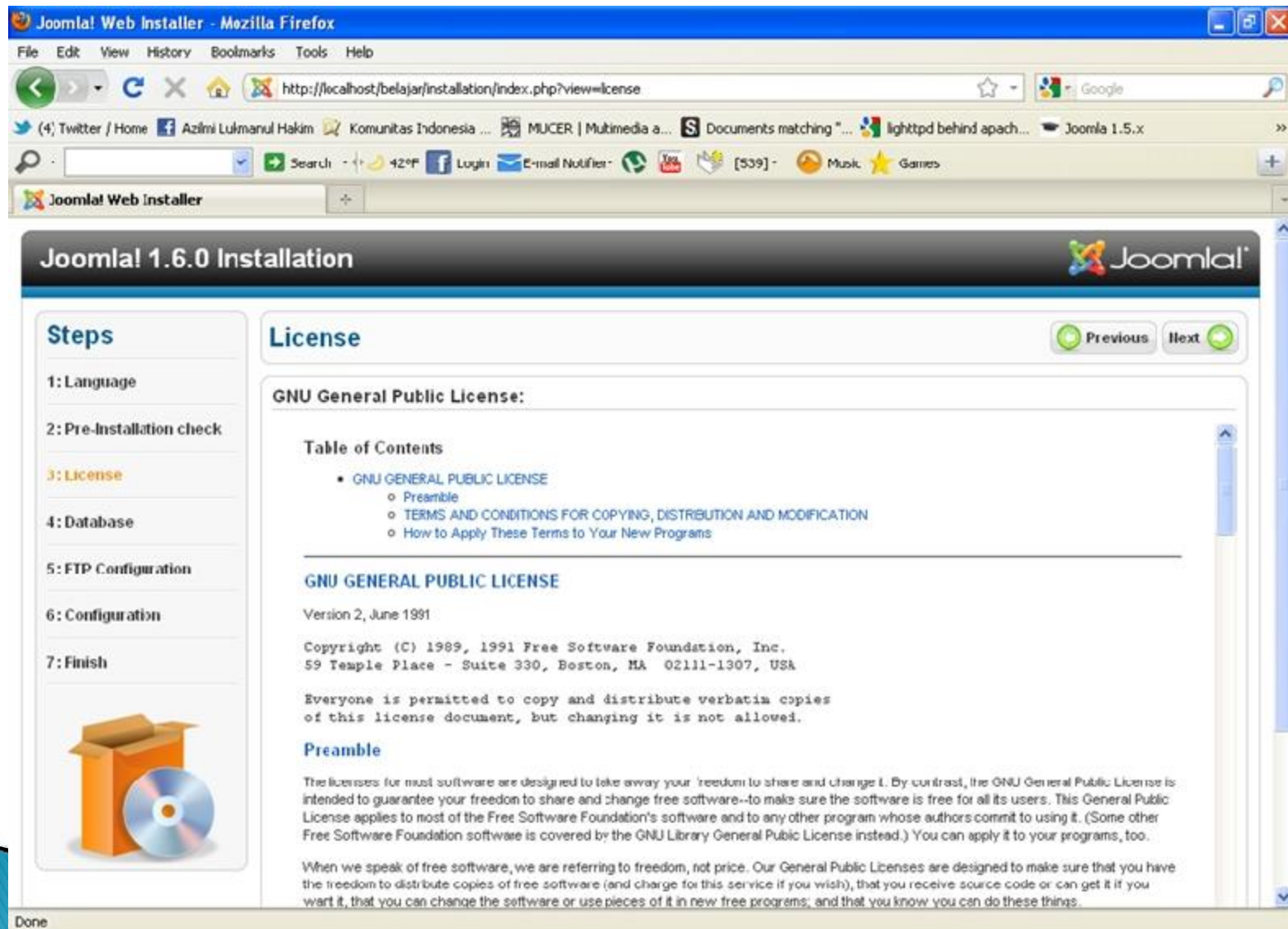


The screenshot shows the Joomla! 1.6.0 Web Installer interface in a Mozilla Firefox browser. The page title is "Joomla! 1.6.0 Installation". On the left, a "Steps" sidebar lists seven steps: 1: Language, 2: Pre-Installation check (highlighted in orange), 3: License, 4: Database, 5: FTP Configuration, 6: Configuration, and 7: Finish. Below the steps is an icon of a cardboard box and a CD. The main content area is titled "Pre-Installation Check" and includes a "Check Again" button, "Previous" and "Next" navigation buttons, and a timestamp: "Pre-Installation check for Joomla! 1.6.0 Stable [Onward] 10-Jan-2011 23:00 GMT:". A warning message states: "If any of these items is not supported (marked as **No**) then please take actions to correct them. Failure to do so could lead to your Joomla! installation not functioning correctly." Below this is a table of system requirements, all of which are marked as "Yes". At the bottom, a "Recommended settings:" section includes a table comparing recommended and actual settings for various PHP directives.

Directive	Recommended	Actual
Safe Mode:	Off	Off
Display Errors:	Off	On
File Uploads:	On	On
Magic Quotes Runtime:	Off	Off
Register Globals:	Off	Off
Output Buffering:	Off	On
session Auto Start:	Off	Off

Done

Joomla License



The screenshot shows the Joomla! 1.6.0 installation process in a Mozilla Firefox browser. The address bar shows the URL: `http://localhost/belajar/installation/index.php?view=license`. The Joomla! logo is visible in the top right corner of the installation interface. On the left, a 'Steps' sidebar lists the installation stages: 1: Language, 2: Pre-Installation check, 3: License (highlighted in orange), 4: Database, 5: FTP Configuration, 6: Configuration, and 7: Finish. Below the sidebar is an icon of a cardboard box and a CD. The main content area is titled 'License' and features 'Previous' and 'Next' navigation buttons. The text displays the 'GNU General Public License' with a 'Table of Contents' listing: GNU GENERAL PUBLIC LICENSE, Preamble, TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION, and How to Apply These Terms to Your New Programs. The main text includes the license version (2, June 1991), copyright information (© 1989, 1991 Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA), and the license's purpose: to guarantee freedom to share and change software. A 'Done' status is visible at the bottom left of the browser window.

Joomla! Web Installer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://localhost/belajar/installation/index.php?view=license`

Joomla! 1.6.0 Installation

Steps

- 1: Language
- 2: Pre-Installation check
- 3: License
- 4: Database
- 5: FTP Configuration
- 6: Configuration
- 7: Finish

License

GNU General Public License:

Table of Contents

- GNU GENERAL PUBLIC LICENSE
 - Preamble
 - TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
 - How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software—to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

Done

Database Configuration

The screenshot shows the Joomla! 1.6.0 Web Installer interface in a Mozilla Firefox browser window. The browser's address bar shows the URL `http://localhost/belajar/installation/index.php?view=database`. The Joomla! logo is visible in the top right corner of the installer page.

Steps

- 1: Language
- 2: Pre-Installation check
- 3: License
- 4: Database
- 5: FTP Configuration
- 6: Configuration
- 7: Finish

Database Configuration

Connection Settings:

A Joomla! website stores all of its data in a database. This screen gives the installation program the information needed to create this database.

If you are installing Joomla! on a remote web server, you will need to get this information from your host.

Some web hosts require that you create the database before you install Joomla. If you get the message "Could not connect to the database", check that your user name and password are correct. If you still get this message, check with your host to see if you need to create the database before installing Joomla.

Basic Settings

Database Type *	MySQLi	<i>This is probably "mysql"</i>
Host Name *	localhost	<i>This is usually "localhost"</i>
Username *		<i>Either something as "root" or a username given by the host</i>
Password		<i>For site security using a password for the mysql account is mandatory</i>
Database Name *		<i>Some hosts allow only a certain DB name per site. Use table prefix in this case for distinct Joomla! sites.</i>
Table Prefix *	jos_	<i>Choose a database prefix. Ideally, three or four characters long, contain only alphanumeric characters, and MUST end in an underscore. Do not use "bak_" since this is used for backup tables.</i>
Old Database Process *	<input checked="" type="radio"/> Backup <input type="radio"/> Remove	<i>Any existing backup tables from former Joomla! installations will be replaced</i>

Done

Database Configuration

The screenshot shows the Joomla! 1.6.0 installation interface in a Mozilla Firefox browser window. The browser's address bar shows the URL `http://localhost/belajar/installation/index.php?view=database`. The Joomla! logo is visible in the top right corner of the installation page. On the left, a 'Steps' sidebar lists the installation process: 1: Language, 2: Pre-Installation check, 3: License, 4: Database (highlighted), 5: FTP Configuration, 6: Configuration, and 7: Finish. Below the steps is an icon of an open box and a CD. The main content area is titled 'Database Configuration' and includes a 'Previous' button and a 'Next' button. Under 'Connection Settings', there is explanatory text: 'A Joomla! website stores all of its data in a database. This screen gives the installation program the information needed to create this database.' and 'If you are installing Joomla! on a remote web server, you will need to get this information from your host.' Below this, there is another paragraph: 'Some web hosts require that you create the database before you install Joomla. If you get the message "Could not connect to the database", check that your user name and password are correct. If you still get this message, check with your host to see if you need to create the database before installing Joomla.' The 'Basic Settings' section contains the following fields and options:

Field	Value	Help Text
Database Type *	MySQLi	This is probably "mysql"
Host Name *	localhost	This is usually "localhost"
Username *	root	Either something as "root" or a username given by the host
Password		For site security using a password for the mysql account is mandatory
Database Name *	belajar	Some hosts allow only a certain DB name per site. Use table prefix in this case for distinct Joomla! sites.
Table Prefix *	jos_	Choose a database prefix. Ideally, three or four characters long, contain only alphanumeric characters, and MUST end in an underscore. Do not use "bak_" since this is used for backup tables.
Old Database Process *	<input checked="" type="radio"/> Backup <input type="radio"/> Remove	Any existing backup tables from former Joomla! installations will be replaced

Done

FTP Configuration

Joomla! Web Installer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost/heliker/installation/index.php?view=filesystem

Twitter Home Azliri Lukman Hakim Komunitas Indonesia MUCER Multimedia Documents matching lighttpd behind apache Joomla 1.5.x

Search 42°F Login E-mail notifier Music Games

Joomla! Web Installer

Joomla! 1.6.0 Installation

Steps

- 1: Language
- 2: Pre-Installation check
- 3: License
- 4: Database
- 5: FTP Configuration**
- 6: Configuration
- 7: Finish

FTP Configuration Previous Next

FTP Configuration (Optional - Most Users Can Skip This Step - Press Next to Skip)

On some servers you may need to provide FTP credentials for installation to complete. If you have difficulties completing installation without these credentials, check with your host to determine if this is necessary.

For security reasons, it is best to create a separate FTP user account with access to the Joomla! installation only and not the entire web server. Your host can assist you with this.

Note: If you are installing on a Windows Operating System, the FTP layer is not required.

Basic Settings

Enable FTP Layer No

FTP Username

FTP Password

FTP Root Path

Automatically find FTP Path Verify FTP Settings

Warning! It is recommended to leave this blank and enter your FTP username each time you transfer files.

Warning! It is recommended to leave this blank and enter your FTP password each time you transfer files.

Advanced Settings

Joomla! is free software released under the GNU General Public License

Main-configuration

The screenshot shows the Joomla! 1.6.0 Web Installer interface in a Mozilla Firefox browser window. The browser's address bar shows the URL `http://localhost/belajar/installation/index.php?view=site`. The Joomla! logo is visible in the top right corner of the installer page.

Steps

- 1: Language
- 2: Pre-Installation check
- 3: License
- 4: Database
- 5: FTP Configuration
- 6: **Configuration**
- 7: Finish

Main Configuration Previous Next

Site Name

Enter the name of your Joomla! site. Optional: You can also enter Meta Description and Meta keywords for your site.

Basic Settings

Site Name *

[Advanced Settings - Optional](#)

Confirm the Admin email and Password.

Enter your email address. This will be the email address of the Web site Super Administrator. Enter a new password and then confirm it in the appropriate fields. You may change the default username **admin**. These will be the Username and password that you will use to login to the Administrator Control Panel at the end of the installation. If you are migrating, you can ignore this section. Your current settings will be automatically migrated.

Admin Email *

Admin Username *

Admin Password *

Confirm Admin Password *

Load sample data

Important! It is strongly recommended that new Joomla! users install the default sample data. To do this click on the button *before* moving to the next stage.

Sample Data set

Done

Finish!

The screenshot shows the Joomla! 1.6.0 installation completion screen in a Mozilla Firefox browser window. The browser's address bar shows the URL `http://localhost/belajar/installation/index.php?view=complete`. The Joomla! Web Installer interface includes a sidebar with a 'Steps' list where '7: Finish' is highlighted. The main content area features a 'Finish' heading, a 'Congratulations! Joomla! is now installed.' message, and a prominent red warning: 'PLEASE REMEMBER TO COMPLETELY REMOVE THE INSTALLATION DIRECTORY. You will not be able to proceed beyond this point until the installation directory has been removed. This is a security feature of Joomla!.' Below this, 'Administration Login Details' are provided: Username: admin. A link to the Joomla! Community Site for language packs is also present. At the bottom left, there is an icon of an orange box and a CD, and the word 'Done' is displayed.

Joomla! Web Installer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://localhost/belajar/installation/index.php?view=complete`

(4) Twitter / Home Azilmi Lukmanul Hakim Komunitas Indonesia ... MUCER | Multimedia a... Documents matching "... lighttpd behind apach... Joomla 1.5.x

Search 42°F Login E-mail Notifier [539] Music Games

Joomla! Web Installer

Do you want Firefox to remember the password for "admin" on `http://localhost?` Remember Never for This Site Not Now

Joomla! 1.6.0 Installation

Steps

- 1: Language
- 2: Pre-Installation check
- 3: License
- 4: Database
- 5: FTP Configuration
- 6: Configuration
- 7: Finish

Finish

Site Administrator

Congratulations! Joomla! is now installed.

Click the Site button to view your Joomla! Web site or the Admin button to take you to your administrator login.

On the Joomla! Community Site, you will find a list of links to available language packs as well as links to language related resources on the `joomla.org` family of sites.

Click the button on the right to open the Community Site in a new window.

PLEASE REMEMBER TO COMPLETELY REMOVE THE INSTALLATION DIRECTORY. You will not be able to proceed beyond this point until the installation directory has been removed. This is a security feature of Joomla!.

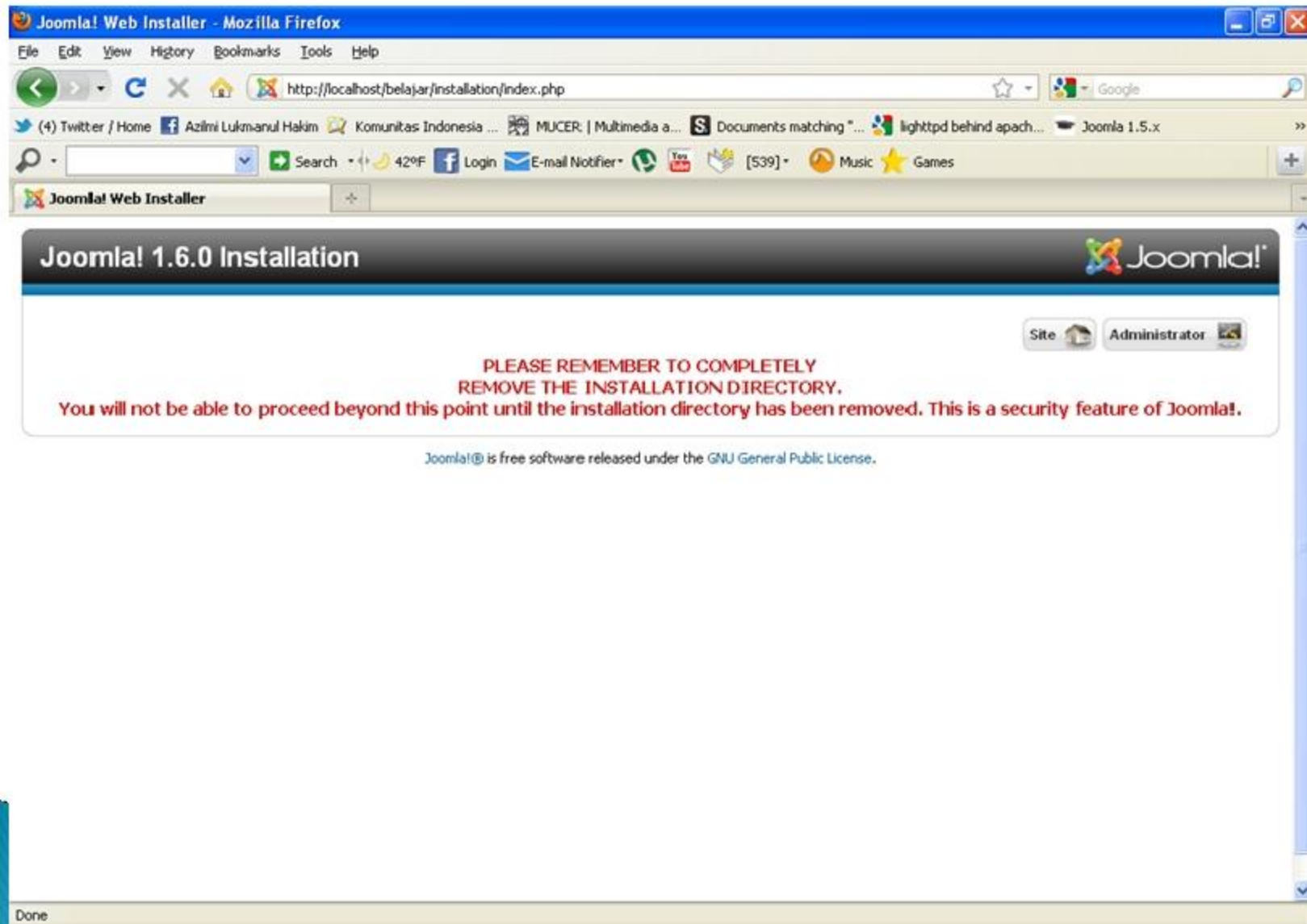
Administration Login Details

Username: admin

Joomla! in your own language?
Visit the Joomla! Community Site for language packs downloads.

Done

Hapus folder joomla installation pada folder C:\xampp\htdocs\belajar\



Cek Instalasi

Akhirnya proses instalasi Joomla kita telah berhasil, untuk membuka joomla yang kita instal, dari web browser masukan alamat tempat joomla tadi kita instal, yaitu

[Http://localhost/belajar](http://localhost/belajar)

Gunakan password yang tadi kita isikan di main-configuration, dan login user menggunakan admin

contoh

User: admin

Password: 123456



Cek Instalasi

The screenshot shows a Mozilla Firefox browser window with the title "belajar - Administration - Mozilla Firefox". The address bar displays "http://localhost/belajar/administrator/". The browser's toolbar includes navigation buttons (back, forward, home, refresh), a search engine (Google), and various extensions like Twitter, Facebook, and a weather widget. The main content area is titled "Administration" and features a "Joomla! Administration Login" form. The form includes a lock icon, a message about using a valid username and password, a link to the site home page, and input fields for "User Name" (containing "admin"), "Password" (masked with dots), and "Language" (set to "Default"). A "Log in" button with a green arrow is positioned below the fields. At the bottom of the page, a small copyright notice reads "Joomla! is free software, released under the GNU General Public License." The browser's status bar at the bottom left shows "Done".

belajar - Administration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost/belajar/administrator/

(4) Twitter / Home Azilmi Lukmanul Hakim Komunitas Indonesia ... MUCER: | Multimedia a... Documents matching "... lighttpd behind apach... Joomla 1.5.x

Search 42°F Login E-mail Notifier YouTube [539] Music Games

Administration

Joomla! Administration Login

Use a valid username and password to gain access to the administrator backend.

[Go to site home page.](#)

User Name: admin

Password: [masked]

Language: Default

Log in

Joomla! is free software, released under the GNU General Public License.

Done

Joomla Administrator back end

Setelah login berhasil, kita akan dibawa ke tampilan Joomla back-end, disinilah kita akan melakukan editing dan konfigurasi pada website joomla kita nanti nya



Joomla Administrator back end

The screenshot shows the Joomla! Administrator back end interface. The browser window title is "belajar - Administration - Mozilla Firefox". The address bar shows "http://localhost/belajar/administrator/index.php". The Joomla! logo is visible in the top right corner of the interface. The main navigation menu includes: Site, Users, Menus, Content, Components, Extensions, and Help. The status bar indicates "None Logged-in frontend", "1 Logged-in backend", "0 Messages", "View Site", and "Log out".

The main content area contains a grid of management tools:

- Add New Article
- Article Manager
- Category Manager
- Media Manager
- Menu Manager
- User Manager
- Module Manager
- Extension Manager
- Language Manager
- Global Configuration
- Template Manager
- Edit profile

On the right side, there are three sections:

- Last 5 Logged-in Users**
- Top 5 Popular Articles**
- Last 5 Added Articles**

Name	Location	ID	Last Activity	Logout
Super User	Administrator	42	2011-01-10 08:01:29	

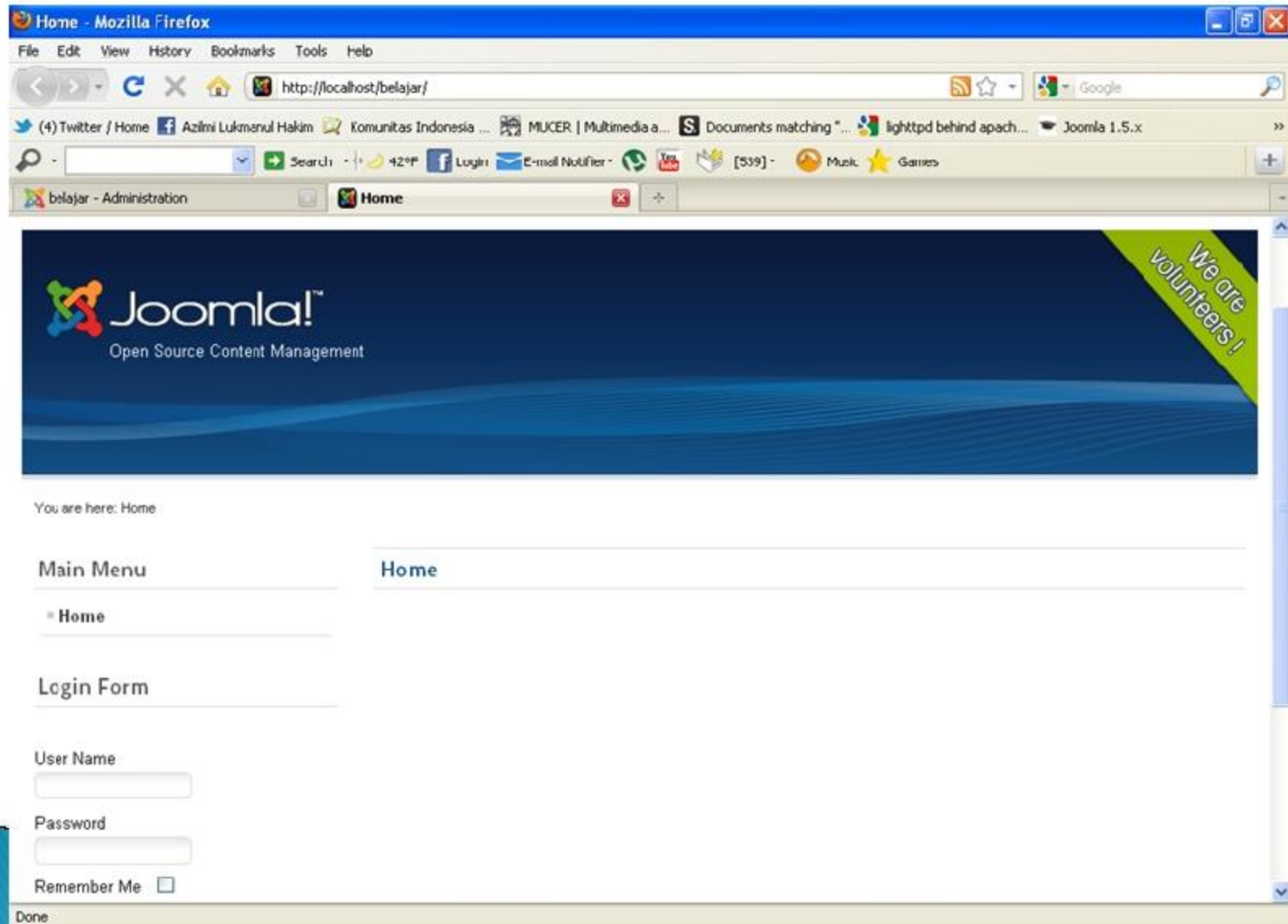
The browser status bar at the bottom shows "http://localhost/belajar/".

Joomla Front End

Untuk melihat web site kita, kita dapat melihat nya dengan menggunakan menu visit pada Administration Back End sebelumnya



Joomla Front End



Penutup

Sekian langkah-langkah dalam melakukan instalasi joomla ver 1.6 pada localhost dengan menggunakan XAMPP yang berjalan pada windows

Mudah-mudahan tutorial ini bermanfaat bagi rekan-rekan yang ingin mempelajari joomla



