

INSTALASI phpBB3 DI LINUX

Saat ini dunia online bukan merupakan istilah asing bagi kita. Dunia online akrab dengan istilah website. Suatu website dikatakan baik apabila menyediakan tool untuk interaksi antara user yang satu dengan yang lain. Banyak aplikasi atau tool yang disediakan dalam suatu website untuk memenuhi tuntutan tersebut. Salah satunya adalah disediakan aplikasi forum pada suatu website. Pada kesempatan ini untuk membuat aplikasi forum kita menggunakan program phpBB3. Sebelumnya kita harus menyediakan installer phpBB3 dan xampp versi terbaru. Pertama yang kita lakukan adalah menginstal xampp dimana caranya seperti di bawah ini :

1. Download xampp for Linux

Langkah awal adalah download xampp for linux, dimana Anda dapat mendownloadnya di Google. Dimana versi xampp yang saya gunakan saat ini adalah xampp-linux-1.6.7.tar. Apabila Anda sudah mempunyai software xampp for linux maka Anda dapat langsung menuju ke step kedua.

2. Installation

Apabila Anda sudah mendapatkan installer xampp for Linux maka langkah selanjutnya adalah menginstalnya. Pada kesempatan ini kami menggunakan xampp-linux-1.6.7.tar.gz. Installer ini kita copy pada direktori opt. Direktori opt berada pada computer > file system > opt. Untuk menginstalnya pertama kita masuk root lebih dahulu pada terminal dengan cara ketik sudo bash > enter > masukkan password root. Setelah itu kita tambahkan izin aksesnya dengan pindah directory opt dengan cara cd /opt. Kemudian ketik chmod 777 *. Langkah selanjutnya adalah meng-extract archive file ke direktori /opt. Cara meng-extract-nya adalah tar xvfz xampp-linux-1.6.7.tar.gz -C /opt

Apabila terjadi error maka Anda hilangkan -C /opt sehingga tinggal

```
tar xvfz xampp-linux-1.6.7.tar.gz
```

3. Start

Langkah selanjutnya adalah meng-start xampp agar website kita dapat ditampilkan pada localhost web browser. Cara meng-start seperti di bawah ini

```
/opt/lampp/lampp start
```

Hasilnya seperti di bawah ini

```
zainudin:~# /opt/lampp/lampp start
Starting XAMPP for Linux 1.6.7...
XAMPP: XAMPP-Apache is already running.
XAMPP: XAMPP-MySQL is already running.
XAMPP: XAMPP-ProFTPD is already running.
XAMPP for Linux started.
```

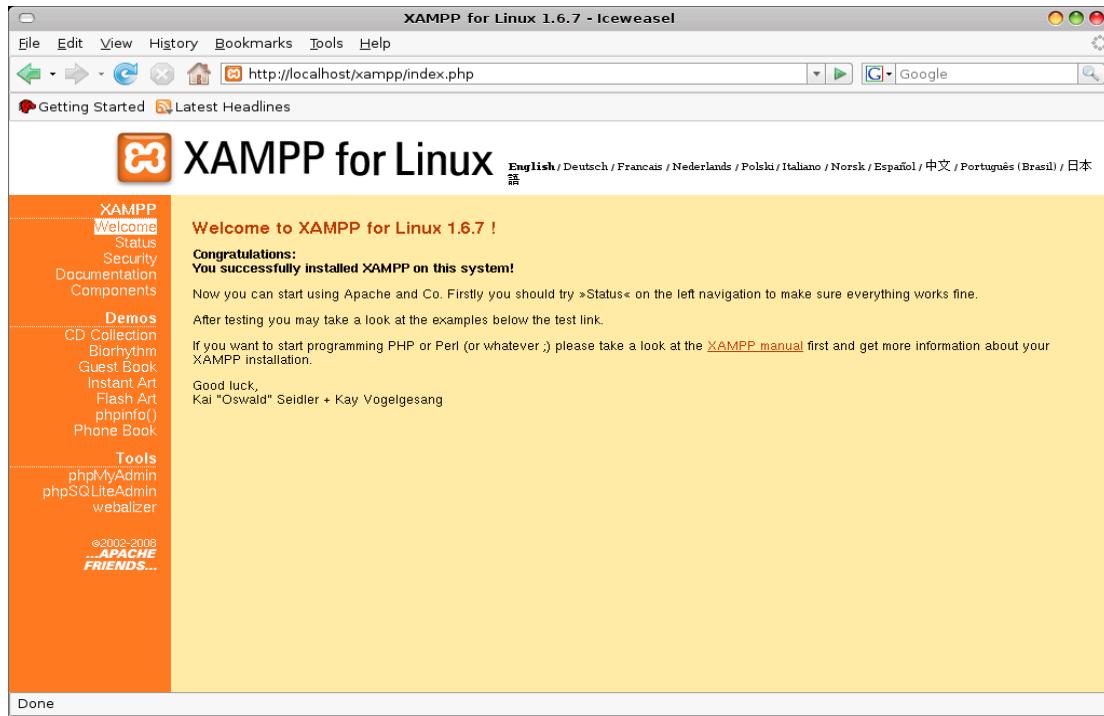
Sekarang xampp sudah dijalankan.

4. Test

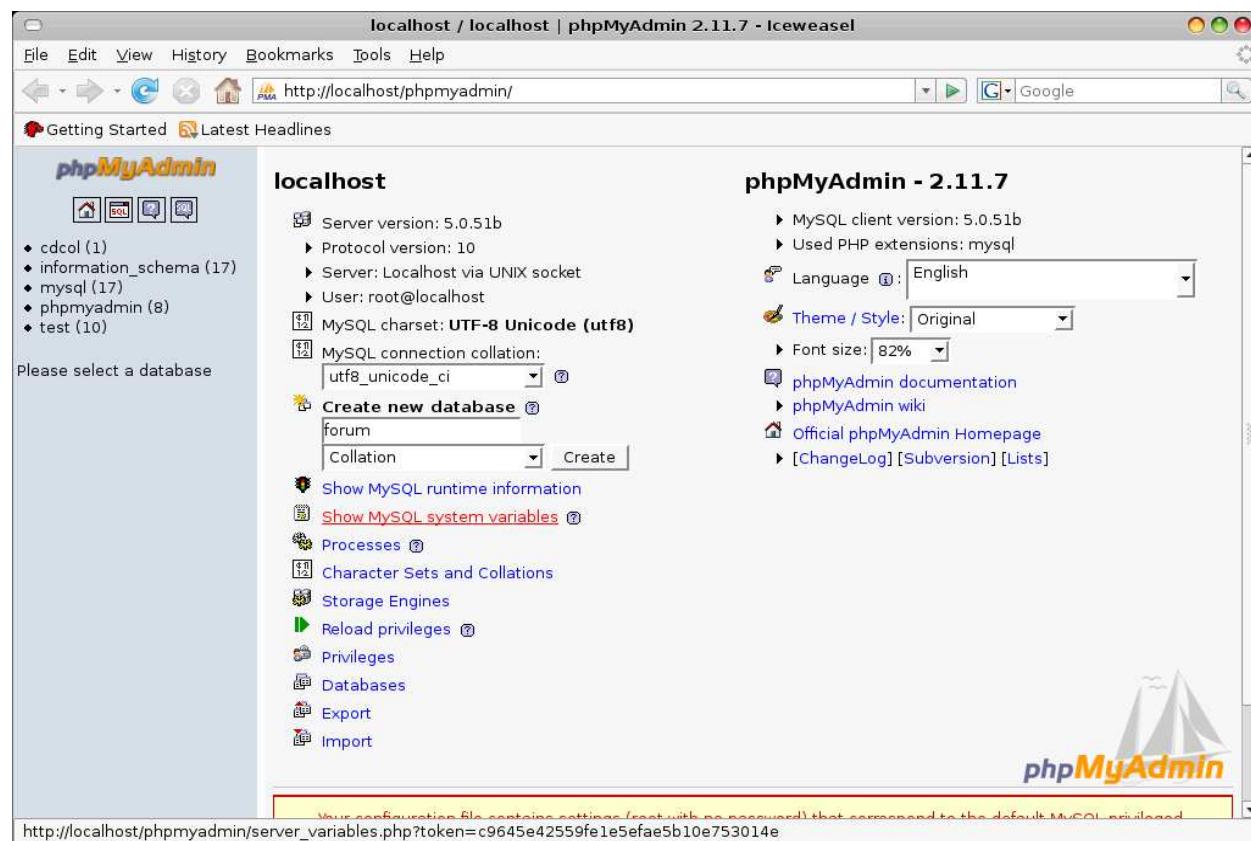
Apabila xampp sudah dijalankan maka kita dapat mengetesnya dengan cara masuk web browser dengan mengetik URL

`http://localhost`

Apabila xampp kita sudah berjalan maka tampilannya seperti di bawah ini



Selanjutnya kita menginstal phpBB3, tetapi sebelumnya kita harus membuat database untuk aplikasi forum ini dengan cara kita buka web browser dengan alamat `http://localhost/xampp/` dan kita pilih phpMyAdmin sehingga muncul tampilan seperti ini



Kita buat database dengan nama forum dan klik create. Apabila berhasil maka akan muncul

The screenshot shows the phpMyAdmin interface for a MySQL server running on localhost. The main navigation bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The address bar shows http://localhost/phpmyadmin/. The left sidebar lists databases: 'Database (0)' and 'forum (0)'. The 'forum' database is selected, and it is noted that 'No tables found in database.' Below the database list, a message box displays 'Database forum has been created.' A SQL query window shows the command 'CREATE DATABASE `forum` ;'. At the bottom right of the interface, there are links for Profiling, Edit, and Create PHP Code.

Setelah itu buka terminal dan masuk direktori htdocs dan membuat direktori baru misalkan dengan nama phpBB3

```
zainudin:~# cd /opt/lampp/htdocs/  
zainudin:/opt/lampp/htdocs# mkdir phpBB3  
zainudin:/opt/lampp/htdocs#
```

Kemudian kita copy installer phpBB3 ke direktori phpBB3

```
zainudin:~# cp document/sc/phpBB-3.0.2.tar.bz2 /opt/lampp/htdocs/phpBB3/
```

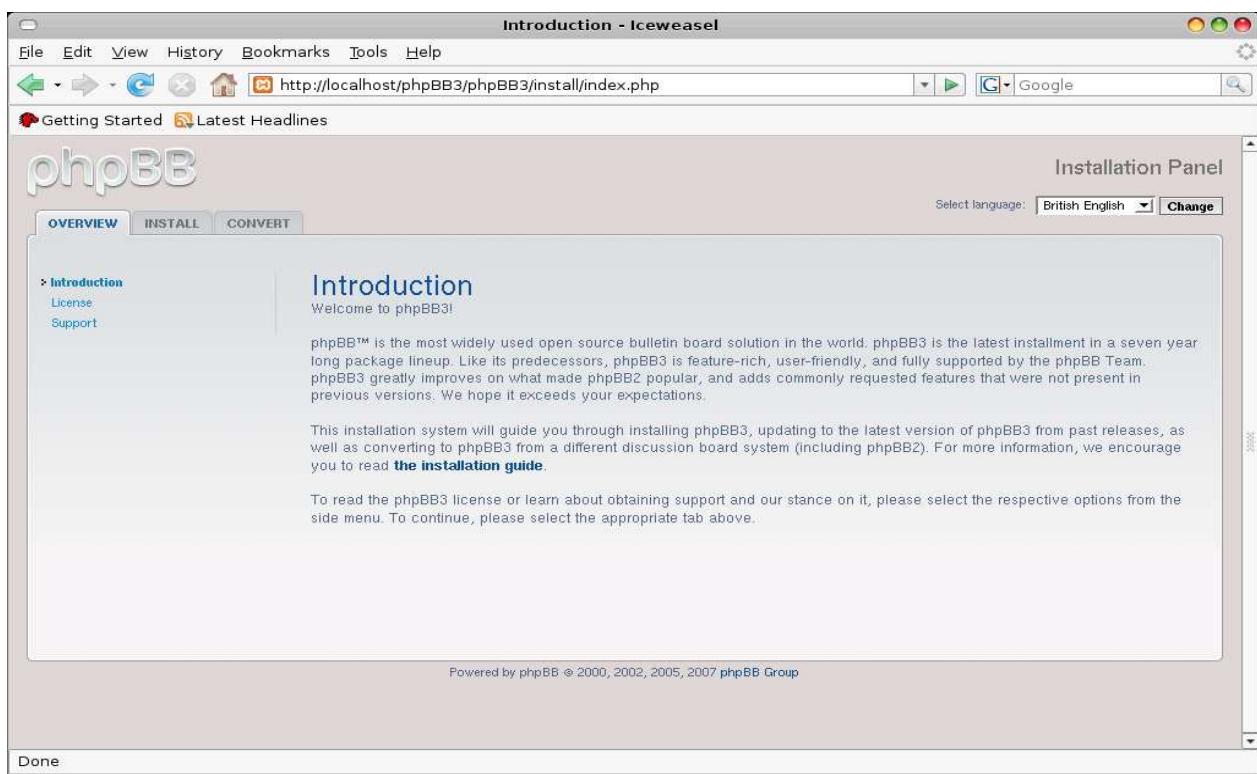
dimana document/sc adalah letak installer phpBB3. Setelah itu kita masuk direktori phpBB3 dan kita ekstrak dengan perintah

```
zainudin:~# cd /opt/lampp/htdocs/phpBB3/  
zainudin:/opt/lampp/htdocs/phpBB3# tar xjf phpBB-3.0.2.tar.bz2
```

Kemudian kita buka web browser dengan alamat <http://localhost/phpBB3> dan muncul



kita klik direktori phpBB3 dan muncul

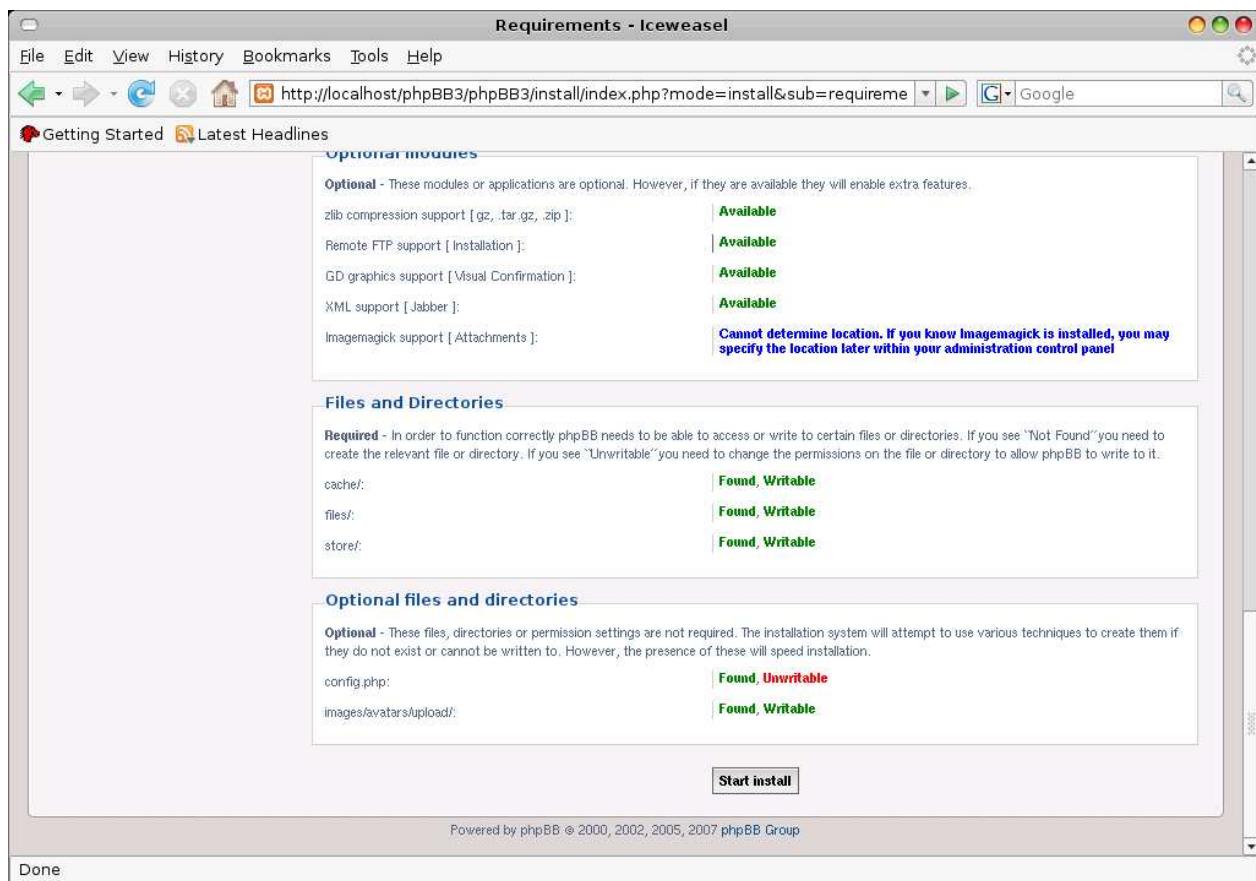


pilih INSTALL muncul tampilan

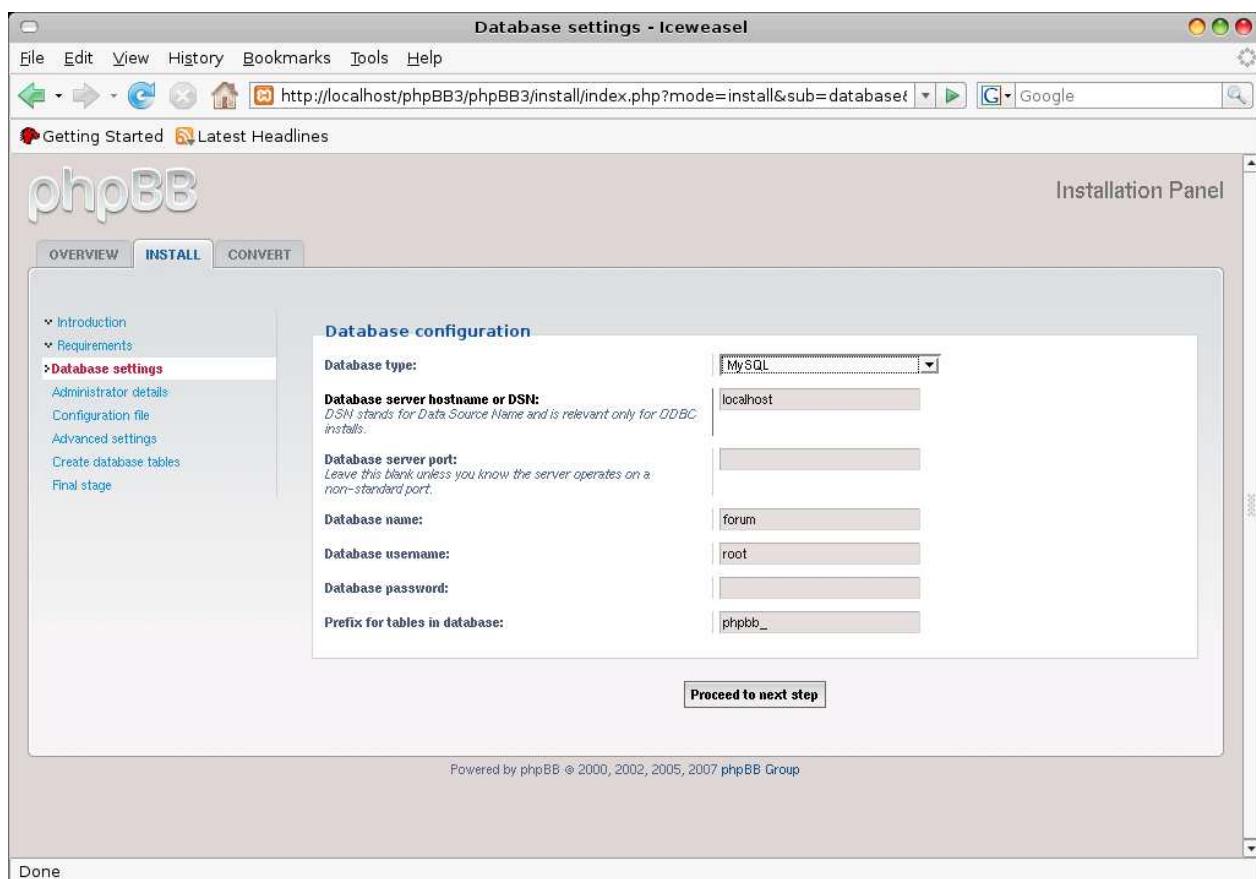
The screenshot shows a web browser window titled "Introduction - Iceweasel". The URL is <http://localhost/phpBB3/phpBB3/install/index.php?mode=install&language=en>. The page is titled "Installation Panel" and has tabs for "OVERVIEW", "INSTALL" (which is selected), and "CONVERT". On the left, there's a sidebar with a tree view: "Introduction" (selected), Requirements, Database settings, Administrator details, Configuration file, Advanced settings, Create database tables, and Final stage. The main content area is titled "Welcome to Installation" and says "With this option, it is possible to install phpBB3 onto your server." It lists requirements for proceeding: "In order to proceed, you will need your database settings. If you do not know your database settings, please contact your host and ask for them. You will not be able to continue without them. You need:" followed by a bulleted list: "◆ The Database Type - the database you will be using.", "◆ The Database server hostname or DSN - the address of the database server.", "◆ The Database server port - the port of the database server (most of the time this is not needed).", "◆ The Database name - the name of the database on the server.", and "◆ The Database username and Database password - the login data to access the database.". A note below says: "Note: If you are installing using SQLite, you should enter the full path to your database file in the DSN field and leave the username and password fields blank. For security reasons, you should make sure that the database file is not stored in a location accessible from the web." It also mentions supported databases: "phpBB3 supports the following databases:" followed by a bulleted list: "MySQL 3.23 or above (MySQL supported)", "PostgreSQL 7.3+", "SQLite 2.8.2+", "Firebird 2.0+", "MS SQL Server 2000 or above (directly or via ODBC)", and "Oracle". A note at the bottom says "Only those databases supported on your server will be displayed." At the bottom right is a "Proceed to next step" button.

langsung pilih saja Proceed to next step dan tampilannya

The screenshot shows a web browser window titled "Requirements - Iceweasel". The URL is <http://localhost/phpBB3/phpBB3/install/index.php?mode=install&sub=requirements>. The page is titled "Installation Panel" and has tabs for "OVERVIEW", "INSTALL" (selected), and "CONVERT". On the left, there's a sidebar with a tree view: "Introduction" (selected), Requirements (selected), Database settings, Administrator details, Configuration file, Advanced settings, Create database tables, and Final stage. The main content area is titled "Installation compatibility" and says "Before proceeding with the full installation phpBB will carry out some tests on your server configuration and files to ensure that you are able to install and run phpBB. Please ensure you read through the results thoroughly and do not proceed until all the required tests are passed. If you wish to use any of the features depending on the optional tests, you should ensure that these tests are passed also." It has a section titled "PHP version and settings" with several items: "Required - You must be running at least version 4.3.3 of PHP in order to install phpBB. If safe mode is displayed below your PHP installation is running in that mode. This will impose limitations on remote administration and similar features." (status: Yes), "PHP setting register_globals is disabled: phpBB will still run if this setting is enabled, but if possible, it is recommended that register_globals is disabled on your PHP install for security reasons." (status: No), "PHP setting allow_url_fopen is enabled: Optional - This setting is optional, however certain phpBB functions like off-site avatars will not work properly without it." (status: Yes), "PHP function getimagesize() is available: Required - In order for phpBB to function correctly, the getimagesize function needs to be available." (status: Yes), and "PCRE UTF-8 support: phpBB will not run if your PHP installation is not compiled with UTF-8 support in the PCRE extension." (status: Yes). At the bottom right is a "mbstring extension check" button.



tidak usah dirubah langsung saja pilih Start install sehingga muncul



kita isikan

Database type : MySQL

Database server hostname or DSN : localhost

Database server port : kosongkan

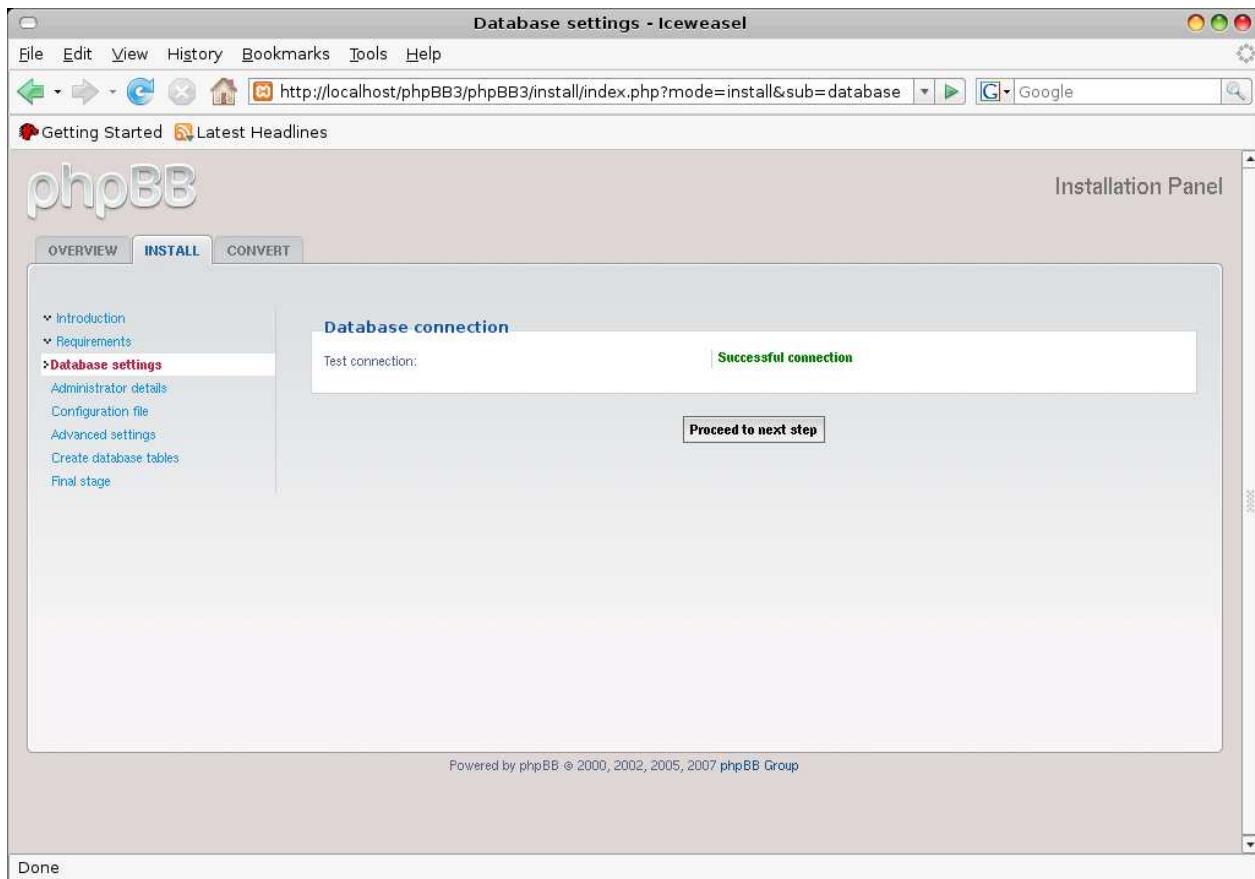
Database name : forum (sesuai dengan nama database yang kita buat)

Database username : root

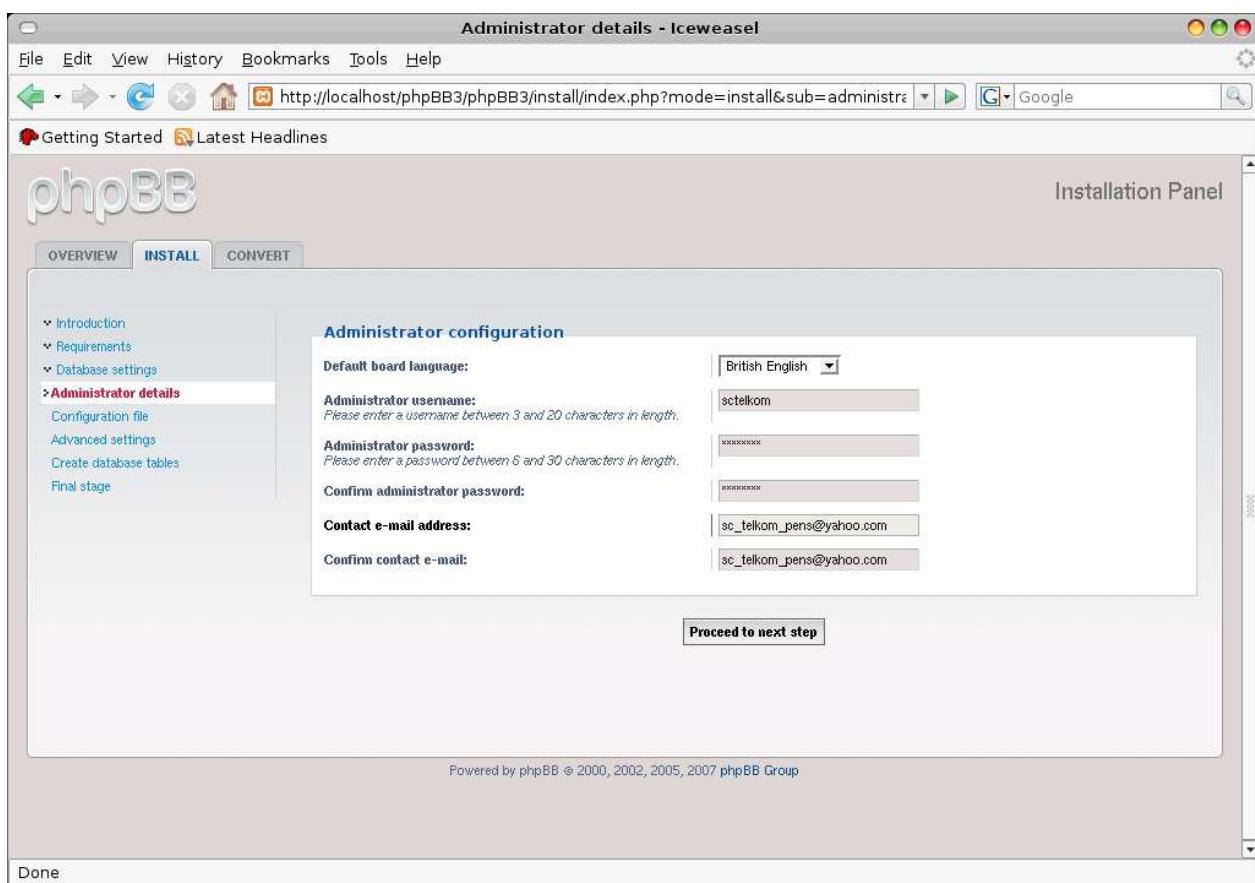
Database password : kosongkan

Prefix for tables in database : biarkan

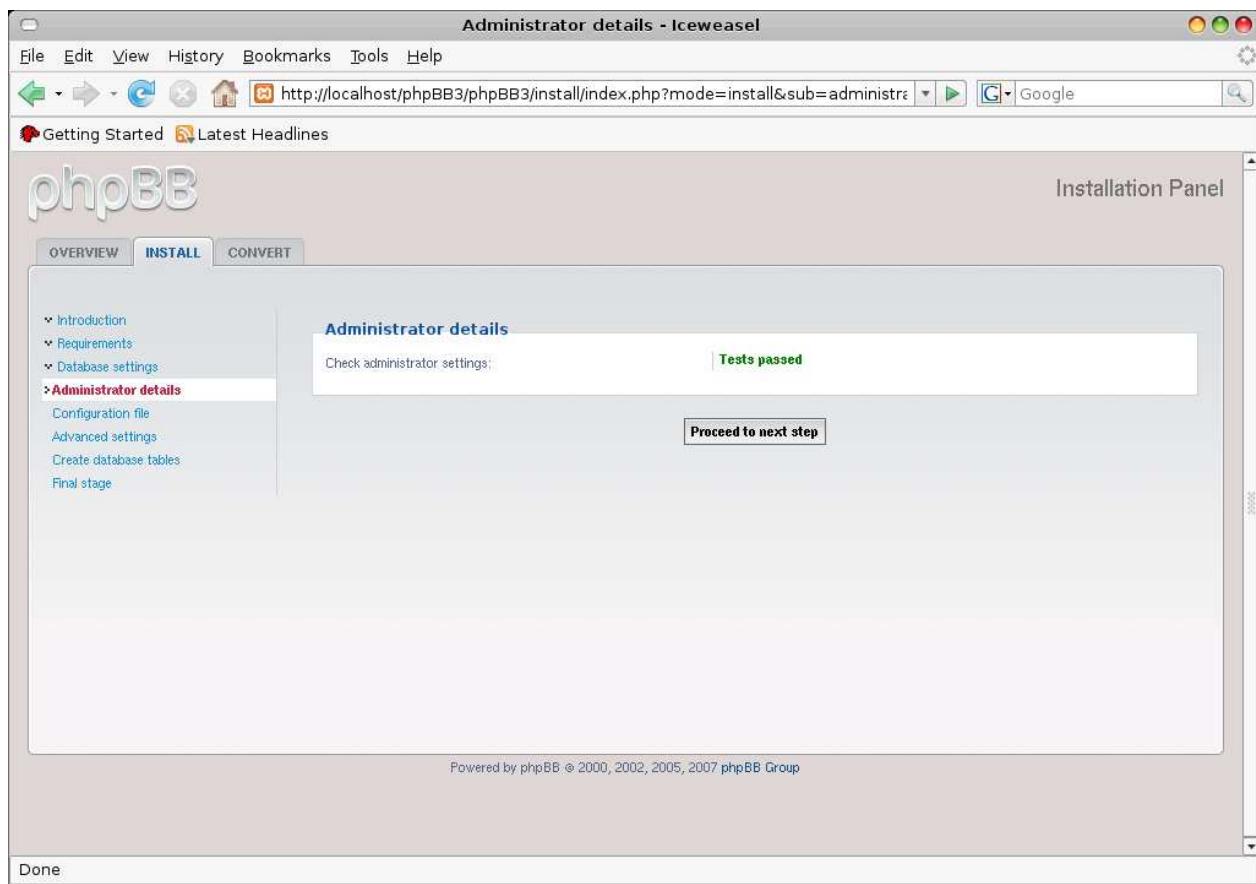
Apabila sudah diisikan klik Proceed to next step dan apabila berhasil akan muncul tampilan



pilih Proceed to next step, setelah itu muncul

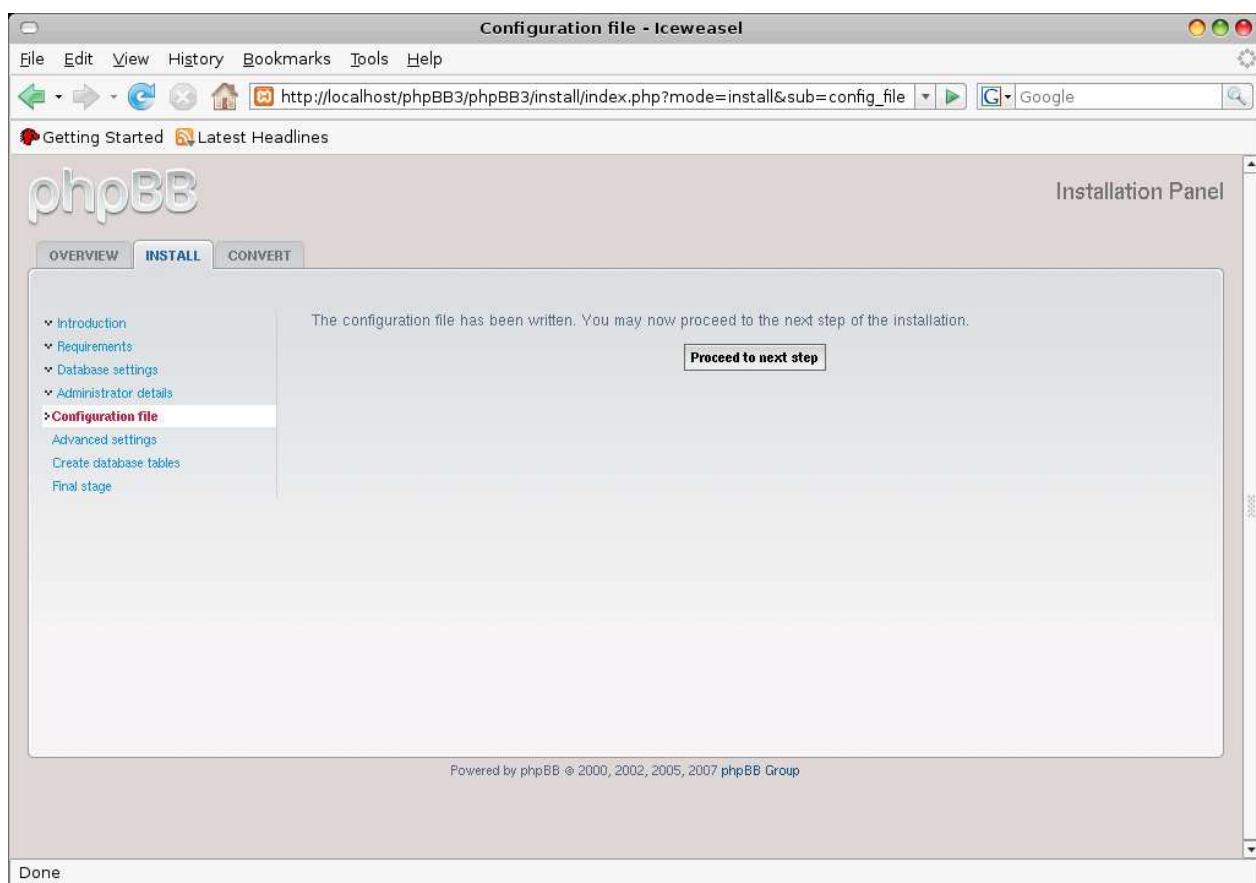


kita isikan username, password dan email kita seperti gambar di atas. Setelah itu klik Proceed to next step dan apabila berhasil muncul seperti gambar di bawah ini dan klik Proceed to next step.



Setelah klik Done, apabila tidak ada proses maka klik Download dan copy hasil download di direktori /opt/lampp/htdocs/phpBB3/phpBB3

setelah itu klik Done maka muncul seperti gambar di bawah dan klik Proceed to next step.



Tampilan selanjutnya seperti gambar di bawah ini

The screenshot shows the 'Advanced settings' step of the phpBB installation process. The left sidebar lists steps from 'Introduction' to 'Advanced settings', with 'Advanced settings' currently selected. The main area contains two sections: 'E-mail settings' and 'Server URL settings'. In 'E-mail settings', there are options for enabling board-wide e-mails (radio button 'Enabled' is selected), using an SMTP server (radio button 'Yes' is selected), and entering SMTP server details like address, authentication method (PLAIN), and user credentials. In 'Server URL settings', there are options for cookie security (radio button 'Enabled' is selected) and force server URL settings (radio button 'Yes' is selected). A 'Done' button is at the bottom.

Biarkan dalam keadaan default dan langsung klik Proceed to next step dan muncul

The screenshot shows the 'Create database tables' step of the phpBB installation process. The left sidebar lists steps from 'Introduction' to 'Create database tables', with 'Create database tables' currently selected. The main area displays a message stating that database tables have been created and populated with initial data, followed by a 'Proceed to next step' button. A note at the bottom indicates the software is powered by phpBB. A 'Done' button is at the bottom.

klik Proceed to next step dan muncul

The screenshot shows the 'Final stage - Iceweasel' browser window displaying the phpBB3 installation panel. The main content area features a large 'Congratulations!' message. Below it, there's a section titled 'Convert an existing board to phpBB3' with a link to proceed on the converter. Another section, 'Go live with your phpBB3!', provides instructions to delete, move, or rename the install directory before using the board. A 'Login' button is visible at the bottom right of the main panel. The left sidebar contains a navigation tree with items like 'Introduction', 'Requirements', 'Database settings', 'Administrator details', 'Configuration file', 'Advanced settings', 'Create database tables', and 'Final stage'. The status bar at the bottom left says 'Done'.

Kemudian klik Login.

Tampilan selanjutnya terdapat warning dimana kita disuruh menghapus atau rename direktori install pada direktori phpBB3. Setelah kita menghapus atau rename direktori install dan kita refresh maka tampilanya menjadi

The screenshot shows the 'ACP index - Iceweasel' browser window displaying the Administration Control Panel (ACP) index page. The top navigation bar includes links for FORUMS, POSTING, USERS AND GROUPS, PERMISSIONS, STYLES, MAINTENANCE, and SYSTEM. The main content area features a 'Welcome to phpBB' message and a 'Board statistics' table. The table provides various board metrics such as Number of posts (1), Number of topics (1), Number of users (1), Number of attachments (0), Board started (Wed Feb 18, 2009 6:54 am), Database size (258.09 KIB), Database server (MySQL 5.0.51b), and Board version (3.0.2). Below the table is a 'Resynchronise or reset statistics' section with three buttons: 'Reset most users ever online', 'Reset board's start date', and 'Resynchronise statistics'. On the left side, there are several navigation menus under sections like 'QUICK ACCESS', 'BOARD CONFIGURATION', and 'CLIENT COMMUNICATION'. The status bar at the bottom left says 'Done'.

Apabila kita keluar dai halaman Board dengan meng-klik logout yang berada di sebelah kiri atas maka tampilannya

The screenshot shows a web browser window with the title "yourdomain.com • Index page - Iceweasel". The address bar shows the URL "http://localhost/phpBB3/phpBB3/index.php?sid=73a4dadcadca5f9765435e9c82". The main content area displays a phpBB forum index. At the top, there's a header with the logo "phpBB creating communities" and the text "yourdomain.com A short text to describe your forum". Below the header, a search bar with "Search..." and "Advanced search" options is visible. The main navigation menu includes "Board index", "FAQ", "Register", and "Login". A message at the top right states "It is currently Wed Feb 18, 2009 7:31 am". The main content area shows a single forum category named "Your first forum" with the description "Description of your first forum.". This category has 1 topic and 1 post. The post was made by "sctelkom" on "Wed Feb 18, 2009 6:54 am". Below this, there's a "LOGIN • REGISTER" section with fields for "Username" and "Password", a checkbox for "Log me on automatically each visit", and a "Login" button. The "WHO IS ONLINE" section indicates 1 user online, 0 registered users, 0 hidden, and 1 guest. It also shows that the most users ever online was 1 on the same date. The "STATISTICS" section provides total posts (1), topics (1), members (1), and the newest member (sctelkom). At the bottom, there's a "Board index" link, a copyright notice "Powered by phpBB © 2000, 2002, 2005, 2007 phpBB Group", and links for "The team" and "Delete all board cookies". A "Done" button is at the very bottom.

ini adalah tampilan halaman forum yang kita buat tadi.

SELAMAT MENCOBA