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 tesebut. Salah satunya adalah disediakan aplikasi forum pada suatu website. Pada kesempatan ini untuk membuat aplikasi forum kita menggunakan progam 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 softwear 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 diektory opt. Diektory opt berada pada computer > file system > opt. Untuk menginstalnya pertama kita masuk root telebih 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-exstract arcive file ke direktory /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



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✓ Getting Started Quarkst Freadmes ✓ Book Control ✓ Book Control ✓ Database forum (0) No tables found in database. SQL query: CREATE DATABASE ' forum' : ✓ Profiling [Edit] [Create PHP Cod No tables found in database. ✓ Create new table on database forum Name: ✓ Create new table on database forum	•]
Done	

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

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

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? ,	hpBB-3.0.2.tar.b;	2 18-Feb-20	09 12:44	1.4M						
0	hpBB3/	06-Jul-20	08 23:32	-						
Perl	v5.10.0 Serve	r at localhost	Port 80							
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kita klik direktori phpBB3 dan muncul

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OVERVIEW INSTALL CONVERT	anel
• Introduction Licenee Support Welcome to phpBB3 InpBP ^{IM} is the most widely used open source bulletin board solution in the world, phpBB3 is the latest installment in a seven ys phpB3 greatly improves on what made phpB2 popular, and adds commonly requested features that were not present in previous versions. We hope it exceeds your expectations. This installation system will guide you through installing phpBB3, updating to the latest version of phpBB3 from past releases, at you to read the installation guide. To read the phpBB3 license or learn about obtaining support and our stance on it, please select the respective options from the side menu. To continue, please select the appropriate tab above. Powered by phpBB e 2000, 2002, 2007, 2007 phpBB Group	ar . WW
Done	*

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OVERVIEW INSTALL CONVER	Select language: British Englis	ih 🗾 Change				
>Introduction	Welcome to Installation					
Requirements	With this option, it is possible to install phpBB3 onto your server.					
Administrator details	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:					
Advanced settings Create database tables Final stage	 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. The Database username and Database password - the login data to access the database. 					
	Note: If you are installing using SQLite, you should enter the full path to your database file in the DSN field and leave username and password fields blank. For security reasons, you should make sure that the database file is not stored in accessible from the web.	r the n a location				
	phpBB3 supports the following databases:					
	 MySQL 3.23 or above (MySQLi supported) PostgreSQL 7.3+ SQLite 2.8.2+ Firebird 2.0+ MS SQL Server 2000 or above (directly or via ODBC) Oracle 					
	Only those databases supported on your server will be displayed.					
	Proceed to next step					

pilih INSTALL muncul tampilan

langsung pilih saja Proceed to next step dan tampilannya

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OVERVIEW INSTALL CONVERT			Installation Panel				
 Introduction Requirements Database settings Administrator details Configuration file Advanced settings Create database tables Final stage 	Installation compatibility Before proceeding with the full installation phpBB will car you are able to install and run phpBB. Please ensure you required tests are passed. If you wish to use any of the fe- tests are passed also. PHP version and settings Required - You must be running at least version 4.3.3 of PHP in of in that mode. This will impose limitations on remote administrations at PHP version >= 4.3.3: PHP setting register_globals is disabled: phpBB will shill run if this setting is enabled, but if possible, it is recommended that register_globals is alsabled on your PHP install for security reasons. PHP setting allow, urf, fopen is enabled: Optional - This setting is optional, however certain phpBB functions like off-site avatars will not work properly without it. PHP function getimagesize() is available: Required - in order for phpBB to function correctly, the getimageste function needs to be available.	ry out some tests on your server config a read through the results thoroughly an adures depending on the optional tests, rder to install phpBB. If <i>safe mode</i> is displayed b and similar features. Ves No Ves Ves	uration and files to ensure that d do not proceed until all the you should ensure that these selow your PHP installation is running				
	PCRE UTF-8 support: <i>phpBB will not run II your PHP installation is not compiled with</i> <i>UTF-8 support in the PCRE extension</i> . mbstring extension check	Ves					
Done							

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					Optional - '	These modules or	applications are opti	tional. However, i	f they are available they will enable extra feature	8	
					zlib compre	ssion support [gz	z, .tar.gz, .zip]:		Available		
					Remote FTF	support [Installa	ation]:		Available		
					GD graphic	s support [Visual	Confirmation]:		Available		
					XML suppo	rt [Jabber]:			Available		
					Imagemagic	k support [Attach	hments]:		Cannot determine location. If you know l specify the location later within your ad	magemagick is installed, you may ninistration control panel	S.
					Files ar	d Directorie	es				
					Required - create the r	In order to functi elevant file or dire	ion correctly phpBB ectory. If you see "U	3 needs to be able Jnwritable‴you ne	to access or write to certain files or directories. ed to change the permissions on the file or dire	If you see "Not Found" you need to ctory to allow phpBB to write to it.	
					cache/:				Found, Writable		
					files/:				Found, Writable		
					store/:				Found, Writable		
					Optiona	al files and (directories				
					Optional - they do not	These files, directo exist or cannot k	ories or permission s se written to, Howey	settings are not r ever, the presence	equired. The installation system will attempt to u of these will speed installation.	se various techniques to create them i	f
					config.php:				Found, Unwritable		
					mages/avat	ars/upload/:			Found, Writable		10005
									Start install		
						Power	ed by phpBB © 200	00, 2002, 2005, 2	007 phpBB Group		
Dor	e										·

tidak usah dirubah langsung saja pilih Start install sehingga muncul

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OVERVIEW INSTALL CONVER	T		
* Introduction			
← Requirements	Database configuration		
>Database settings	Database type:	MySQL	
Administrator details	Database server hostname or DSN:	localhost	
Lontiguration file	installs.		
Create database tables	Database server port:		
Final stage	Leave this blank unless you know the server operates on a non-standard port.		
	Database name:	forum	
	Database username:	root	
	Database password:		
	Prefix for tables in database:	phpbb_	
	Pr	oceed to next step	
	Powered by phpBB @ 2000, 2002, 2005, 20	07 phpBB Group	
Done			

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

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Advanced settings		Proceed to next step	
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Final stage			
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pilih Proceed to next step, setelah itu muncul

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Database settings Administrator details Configuration file Advanced settings Create database tables	Administrator username: Please enter a username between 3 and 20 characters in length. Administrator password Please enter a password between 6 and 30 characters in length.			
Final stage	Confirm administrator password: Contact e-mail address:	иноники sc_telkom_pens@yahoo.com		
	Confirm contact e-mail:	sc_telkom_pens@yahoo.com		
	Powered by php88.@ 2000, 2002, 2005, 20	roceed to next step 007 phpBB Group		

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.

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OVERVIEW INSTALL CONVERT	Installation Panel
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Configuration file Advanced settings Proceed to next Create database tables Final stage	step
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Done	

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.

0	Configuration file - Iceweasel	000
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OVERVIEW INSTALL CONVER	r	Installation Panel
 Introduction Requirements Database settings Administrator details Configuration file Advanced settings Create database tables Final stage 	The configuration file has been written. You may now proceed to the next step of the installation. Proceed to next step	
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Done		

Tampilan selajutnya seperti gambar di bawah ini

0	Advanced settings - Icewe	asel	000
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phpBB		Installation	n Panel
OVERVIEW INSTALL CONVERT	1		
 Introduction Requirements Database settings Administrator details Configuration file Advanced settings Create database tables Final stage 	The settings on this page are only necessary to set if you unsure, just proceed to the next page, as these settings can be added by the set of the next page. The settings can be been been been been been been been	know that you require something different from the default. If you a in be altered from the Administration Control Panel later. Enabled C Disabled Yes No PLAIN	78 1000
	Server URL settings Cookie secure: If your server is running via SSL set this to enabled else leave as disabled. Having this enabled and not running via SSL will result in server enance during reflerence.	C Enabled C Disabled	
Done	Force server URL settings: If set to yes the server settings defined here will be used in favour of the autoenational underscale underscale.	(~ Yes (R No	•

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

0	Create database tables - Iceweasel	000
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OHOBB OVERVIEW INSTALL CONVERT	Installat	ion Panel
 Introduction Requirements Database settings Administrator details Configuration file Advanced settings Create database tables Final stage 	The database tables used by phpBB 3.0 have been created and populated with some initial data. Proceed to the next so finish installing phpBB. Proceed to uext step	reen to
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Done		•

	Final stage - Iceweasel			000
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phpBB			Installat	ion Panel
OVERVIEW INSTALL CONVER	T			
~ Introduction	Congratulations!			
 Nequirements Matabase settings Administrator details 	You have now successfully installed phpBB 3.0.2. From here, you have two options phpBB3:	as to what t	to do with your newly in:	stalled
 Configuration file Advanced settings Create database tables Final stage 	Convert an existing board to phpBB3 The phpBB Unified Convertor Framework supports the conversion of phpBB 2.0.x an an existing board that you wish to convert, please proceed on to the convertor.	d other boar	d systems to phpBB3. If	you have
	Go live with your phpBB3! Clicking the button below will take you to your Administration Control Panel (ACP). T available to you. Remember that help is available online via the Documentation and further information.	Fake some til d the suppor	me to examine the option t forums , see the REAI	18 DME for
	Please now delete, move or rename the install directory before you use your b the Administration Control Panel (ACP) will be accessible.	oard. If this	directory is still prese	nt, only
	Login			
	Powered by php8B ⊚ 2000, 2002, 2005, 2007 php8B Group			
Done				•

klik Proceed to next step dan muncul

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

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Vou are logged in as: sctelkom [Logout][ACP Logout] QUICK ACCESS Manage users Manage groups Manage forums	Welcome to ph Thank you for choosing phpt your board. The links on the will have instructions on how Board statistics	pBB 38 as your board solution. This screen v left hand side of this screen allow you t to use the tools.	will give you a quick overview of all the o control every aspect of your board e:	various statistics of «perience. Each page
Moderator log	STATISTIC	VALUE	STATISTIC	VALUE
Spiders/Hobots PHP information	Number of posts:	1	Posts per day:	1
	Number of topics:	1	Topics per day:	1
BOARD CONFIGURATION	Number of users:	1	Users per day:	1
Attachment settings	Number of attachments:	0	Attachments per day:	0.00
Board features	Board started:	Wed Feb 18, 2009 6:54 am	Avatar directory size:	0 Bytes
Avatar settings	Database size:	258.09 KiB	Size of posted attachments:	0 Bytes
Private message settings	Database server:	MySQL 5.0.51b	GZip compression:	Off
Post settings	Board version:	3.0.2	Orphan attachments:	0
User registration settings	Resynchronise or res	et statistics		
Visual confirmation settings	Reset most users ever online	Bun now		
CLIENT COMMUNICATION	Institution and the second second	In-concerned		
Authentication	Heset board's start date	Bun now	3	
E-mail settings	Resynchronise statistics	Bun now		
Done	Hesynchronise statistics	Bun now		

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

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