

Tugas Pemrograman Web  
Instalasi Web Server



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# INSTALASI WEB SERVER

## -Instalasi apache2

1. Buka terminal dan masuk sebagai root. Kemudian kita install apache2 :

`#apt-get install apache2`

2. Ketika muncul perintah Do You want to continue, ketik [Y/n] kemudian tekan Enter.

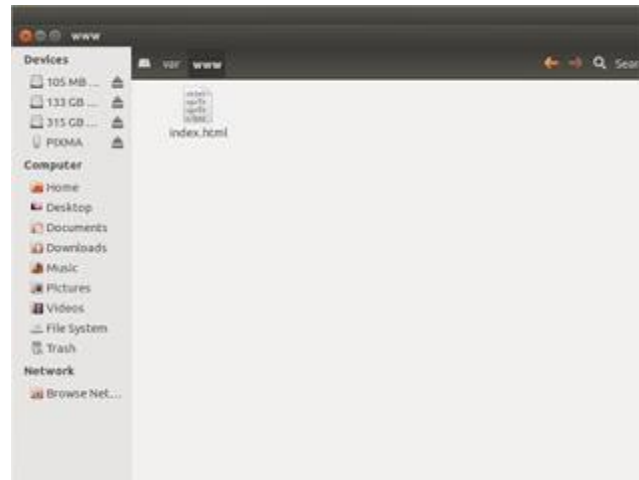
```
root@renaldi: /home/renaldi
root@renaldi:/home/renaldi# apt-get install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  apache2-npm-worker apache2-utils apache2.2-bin apache2.2-common libapr1
  libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap
Suggested packages:
  apache2-doc apache2-suexec apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-npm-worker apache2-utils apache2.2-bin apache2.2-common
  libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap
0 upgraded, 9 newly installed, 0 to remove and 0 not upgraded.
Need to get 1,851 kB of archives.
After this operation, 5,605 kB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://id.archive.ubuntu.com/ubuntu/ precise/main libapr1 amd64 1.4.6-1 [8
9.6 kB]
Get:2 http://id.archive.ubuntu.com/ubuntu/ precise/main libaprutil1 amd64 1.3.12
+dfsg-3 [74.6 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu/ precise/main libaprutil1-dbd-sqlite3
amd64 1.3.12+dfsg-3 [10.4 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu/ precise/main libaprutil1-ldap amd64 1
.3.12+dfsg-3 [8,044 B]

```

3. Untuk menguji bahwa web server sudah terinstall, coba jalankan browser kemudian akses URL <http://localhost>.



4. Tempat meletakkan file web di folder /var/www/.Jika kita buka file tersebut kita dapat melihat di dalamnya terdapat file index.html



#### -Instalasi php5

1. Buka terminal dan masuk sebagai root.Kemudian kita install php5 :  
`#apt-get install php5`
2. Ketika muncul perintah Do You want to continue,ketik [Y/n] kemudian tekan Enter.



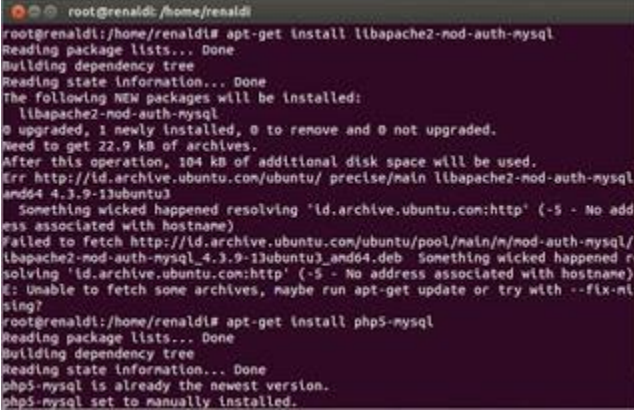
3. Setelah selesai jalankan apache menggunakan perintah.

`sudo service apache2 restart`

## -Setup Database Server

1. Buka terminal dan masuk sebagai root.
2. Install MySQL, disini terdapat 3 tahapan instalasi MySQL yang harus dilakukan, pertama kita harus install libapache2 autentikasi MySQL.


`#apt-get install libapache2-mod-auth-mysql`



```
root@renaldi: /home/renaldi# apt-get install libapache2-mod-auth-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
libapache2-mod-auth-mysql
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 22.9 kB of archives.
After this operation, 104 kB of additional disk space will be used.
Err http://id.archive.ubuntu.com/ubuntu/ precise/main libapache2-mod-auth-mysql
amd64 4.3.9-11ubuntu3
Something wicked happened resolving 'id.archive.ubuntu.com:http' (-5 - No address
associated with hostname)
Failed to fetch http://id.archive.ubuntu.com/ubuntu/pool/main/m/mod-auth-mysql/lib
apache2-mod-auth-mysql_4.3.9-11ubuntu3_amd64.deb Something wicked happened re
solving 'id.archive.ubuntu.com:http' (-5 - No address associated with hostname)
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-mis
sing?
root@renaldi: /home/renaldi# apt-get install php5-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
php5-mysql is already the newest version.
php5-mysql set to manually installed.
```

3. Kedua kita install konektor php5 dan MySQL.

`#apt-get install php5-mysql`



```
root@renaldi: /home/renaldi# apt-get install php5-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
php5-mysql is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@renaldi: /home/renaldi#
```

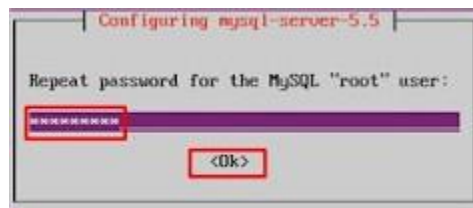
4. Selanjutnya kita install MySQL-server.

```
#apt-get install mysql-server
```



```
root@renaldi:/home/renaldi# apt-get install mysql-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libdbd-mysql-perl libdbi-perl libhtml-template-perl libmysqlclient18
  libnet-daemon-perl libperl-perl libterm-readkey-perl mysql-client-5.5
  mysql-client-core-5.5 mysql-common mysql-server-5.5 mysql-server-core-5.5
Suggested packages:
  libipc-sharedcache-perl tinyca mailx
The following NEW packages will be installed:
  libdbd-mysql-perl libdbi-perl libhtml-template-perl libmysqlclient18
  libnet-daemon-perl libperl-perl libterm-readkey-perl mysql-client-5.5
  mysql-client-core-5.5 mysql-common mysql-server mysql-server-5.5
  mysql-server-core-5.5
0 upgraded, 13 newly installed, 0 to remove and 0 not upgraded.
Need to get 27.6 MB of archives.
After this operation, 98.2 MB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://id.archive.ubuntu.com/ubuntu/ precise-updates/main mysql-common all
5.5.53-0ubuntu0.12.04.1 [12.6 kB]
Get:2 http://id.archive.ubuntu.com/ubuntu/ precise-updates/main libmysqlclient18
amd64 5.5.53-0ubuntu0.12.04.1 [952 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu/ precise/main libnet-daemon-perl all 0
```

5. Ketika menginstall MySQL server kita akan diminta untuk menentukan password untuk user root kemudian masukkan password pada kotak yang disediakan.



6. Konfigurasi file php.ini melalui editor gedit.

```
#gedit /etc/php5/apache2/php.ini
```

7. Cari baris ;extension=mysql.so pada file php.ini kemudian hapus tanda titik koma(;) yang ada di depannya.

8. Simpan file php.ini dengan klik Save selanjutnya kita restart apache2.

```
#!/etc/init.d/apache2 restart
```

9. Kita akan melakukan uji coba dengan masuk ke MySQL dengan mengetikkan perintah ke MySQL.

```
#mysql -u root -p
```

Enter password :<.....>

MySQL>

```
root@renaldi:/home/renaldi# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 46
Server version: 5.5.53-0ubuntu0.12.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

-Instalasi PHPMyAdmin

1. Install PHPMyAdmin.

```
#apt-get install phpmyadmin
```

```
root@renaldi:/home/renaldi# apt-get install phpmyadmin
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  apache2-mpm-prefork dbconfig-common libapache2-mod-php5 libncrypt4 php5-cli
  php5-common php5-gd php5-mcrypt php5-mysql
Suggested packages:
  php-pear libncrypt-dev mcrypt php5-suhosin
The following packages will be REMOVED:
  apache2-mpm-worker
The following NEW packages will be installed:
  apache2-mpm-prefork dbconfig-common libapache2-mod-php5 libncrypt4 php5-cli
  php5-common php5-gd php5-mcrypt php5-mysql phpmyadmin
0 upgraded, 10 newly installed, 1 to remove and 0 not upgraded.
Need to get 14.0 MB of archives.
After this operation, 37.4 MB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://id.archive.ubuntu.com/ubuntu/ precise-updates/main apache2-mpm-prefork amd64 2.2.22-1ubuntu1.11 [2,412 B]
Get:2 http://id.archive.ubuntu.com/ubuntu/ precise/main dbconfig-common all 1.0.47 [458 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu/ precise-updates/main php5-common amd64 5.3.10-1ubuntu3.25 [1,773 kB]
```

2. Konfigurasi file apache2.conf. File ini mengatur semua konfigurasi apache2.conf

```
#gedit /etc/apache2/apache2.conf
```

3. Di file apache2.conf, buat alias baru dengan nama phpmyadmin dan arahkan ke /usr/share/phpmyadmin. Ketikkan perintah dibawah ini :

```
Alias /phpmyadmin "/usr/share/phpmyadmin/"  
  
<Directory "/usr/share/phpmyadmin">  
  
Options Indexes MultiViews  
  
AllowOverride None  
  
Order allow,deny  
  
Allow from all  
  
</Directory>
```

4. Setelah semua selesai buka browser kemudian kita akses <http://localhost/phpmyadmin>.