

**LAPORAN RESMI**  
**PRAKTIKUM ORGANISASI DAN ARSITEKTUR**  
**KOMPUTER**



**JUDUL: Install Apache2 dan Wordpress**

**Disusun Oleh :**

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## Langkah-langkah untuk menginstall Apache2 di ubuntu

Kita memasukkan kode untuk mrngupdate ubuntu nya dulu

```
fahmi@fahmi:~$ sudo apt update && sudo apt upgrade
```

Setelah di update baru lah kita memasukkan kode untuk menginstall apache2

```
fahmi@fahmi:~$ sudo apt install apache2
```

Setelah install Apache2 lanjut dengan mengaktifkan apache2 nya dengan kode

```
fahmi@fahmi:~$ sudo systemctl enable apache2
```

Setelah di aktifkan kita cek status apache2 dengan kode

```
fahmi@fahmi:~$ sudo systemctl status apache2
```


Jika sudah maka tampilan ssh nya akan seperti ini

```
[sudo] password for fahmi:
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2023-11-21 14:33:29 UTC; 1min 1s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 34574 (apache2)
    Tasks: 11 (limit: 2257)
   Memory: 97.0M
   CGroup: /system.slice/apache2.service
           └─34574 /usr/sbin/apache2 -k start
             └─34575 /usr/sbin/apache2 -k start
               └─34576 /usr/sbin/apache2 -k start
                 └─34578 /usr/sbin/apache2 -k start
                   └─34579 /usr/sbin/apache2 -k start
                     └─34628 /usr/sbin/apache2 -k start
                       └─34629 /usr/sbin/apache2 -k start
                         └─34630 /usr/sbin/apache2 -k start
                           └─34631 /usr/sbin/apache2 -k start
                             └─34702 /usr/sbin/apache2 -k start
                               └─34723 /usr/sbin/apache2 -k start

Nov 21 14:33:29 fahmi systemd[1]: Starting The Apache HTTP Server:
Nov 21 14:33:29 fahmi apachectl[34566]: AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.0.1. Set the 'ServerName' directive globally to suppress this message
Nov 21 14:33:29 fahmi systemd[1]: Started The Apache HTTP Server:
lines 1-23/23 (END)
```

Dan tampilan nya kita buka di chrome dengan memasukkan ip computer kita

192.168.207.15



# ubuntu

## Apache2 Ubuntu Default Page

**It works!**

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

### Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   |-- ports.conf
|   |-- mods-enabled
|       |-- *.load
|       |-- *.conf
|   |-- conf-enabled
|       |-- *.conf
|   |-- sites-enabled
|       |-- *.conf
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- `ports.conf` is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the `mods-enabled/`, `conf-enabled/` and `sites-enabled/` directories contain particular configuration snippets which manage modules, global configuration fragments, or virtual host configurations, respectively.
- They are activated by symlinking available configuration files from their respective `*-available/` counterparts. These should be managed by using our helpers `a2enmod`, `a2dismod`, `a2ensite`, `a2dissite`, and `a2enconf`, `a2disconf`. See their respective man pages for detailed information.
- The binary is called `apache2`. Due to the use of environment variables, in the default configuration, `apache2` needs to be started/stopped with `/etc/init.d/apache2` or `apache2ctl`. **Calling `/usr/bin/apache2` directly will not work** with the default configuration.

### Document Roots

By default, Ubuntu does not allow access through the web browser to any file apart of those located in `/var/www`, **public.html** directories (when enabled) and `/usr/share` (for web applications). If your site is using a web document root located elsewhere (such as in `/srv`) you may need to whitelist your document root directory in `/etc/apache2/apache2.conf`.

The default Ubuntu document root is `/var/www/html`. You can make your own virtual hosts under `/var/www`. This is different to previous releases which provides better security out of the box.

### Reporting Problems

Please use the `ubuntu-bug` tool to report bugs in the Apache2 package with Ubuntu. However, check **existing bug reports** before reporting a new bug.

Please search bugs specific to modules (such as PHP and others) by searching packages with the web

Sebelum install wordpres terlebih dahulu kita menginstall mysql dan php

Langkah-langkah untuk menginstall mysql

```
fahmi@fahmi:~$ sudo apt install mysql-server
```

Setelah install mysql selanjutnya kita aktifkan dengan kode

```
fahmi@fahmi:~$ sudo systemctl enable mysql
```

Setelah diaktifkan kita cek status mysql dengan kode

```
fahmi@fahmi:~$ sudo systemctl status mysql
● mysql.service - MySQL Community Server
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled>
   Active: active (running) since Tue 2023-11-21 14:30:54 UTC>
   Main PID: 22816 (mysqld)
     Status: "Server is operational"
    Tasks: 41 (limit: 2257)
   Memory: 384.2M
   CGroup: /system.slice/mysql.service
           └─22816 /usr/sbin/mysqld

Nov 21 14:30:52 fahmi systemd[1]: Starting MySQL Community Serv>
Nov 21 14:30:54 fahmi systemd[1]: Started MySQL Community Serve>
lines 1-12/12 (END)
```

Setelah itu lanjut kita install php untuk php kurang lebih sama cara nya seperti install mysql Cuma lebih ditambahkan folder saja

Terakhir install wordpress pertama kita buat folder dlu

```
fahmi@fahmi:~$ cd /var/www/html
```

Setelah itu kita install wordpress dengan kode

```
fahmi@fahmi:~$ sudo wget -c http://wordpress.org/latest.tar.gz
```

Selanjutnya kita membuat database pada sql kita

```
fahmi@fahmi:~$ sudo mysql -u root -p
```

Setelah database sudah dibuat maka tinggal kita konfigurasi wordprees nya

```
fahmi@fahmi:~$ mv wp-config-sample.php wp-config.php
```

Maka wordpress kita sudah bisa dilihat di chrome dengan memasukkan ip kita garing wordpress

