

LAPORAN RESMI
PRAKTIKUM ORGANISASI DAN ARSITEKTUR
KOMPUTER



JUDUL: MPI

Disusun Oleh :

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Langkah-langkah untuk menginstall MPI

Pertama buat akun dengan memasukkan kode

```
fahmi@fahmi:~$ sudo adduser mpiuser
```

Setelah itu install nfs dengan kode

```
mpiuser@fahmi:~$ sudo apt install nfs-kernel-server
```

Setelah itu buat direktori bubble

```
mpiuser@fahmi:~$ mkdir /home/mpiuser/bubble
```

Setelah itu restart nfs

```
mpiuser@fahmi:~$ sudo systemctl restart nfs-kernel-server
```

Setelah restart install MPI

```
mpiuser@fahmi:~$ pip install mpi4py
```

Setelah install MPI lanjut dengan install python3

```
mpiuser@fahmi:~$ sudo apt install python3-pip
```

Setelah install python buat file python

```
mpiuser@fahmi:~$ touch /home/mpiuser/bubble/bubble.py
```

Setelah itu isi file tdi dengan kode bubble short python dengan angka yang acak

```
mpiuser@fahmi:~$ nano bubble.py
```

Terakhir kita run dan akan tampil proses bubble short dengan MPI

```
mpiuser@fahmi:~/bubble$ mpirun -np 1 -host fahmi python3 bubble.py  
[1, 2, 3, 4, 5]  
mpiuser@fahmi:~/bubble$
```



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
```

