

Instalasi Docker di Ubuntu 18.04

Ref: <https://docs.docker.com/install/linux/docker-ce/ubuntu/>

```
sudo apt-get remove docker docker-engine docker.io containerd runc
sudo apt autoremove
sudo apt-get update
sudo apt-get install \
    apt-transport-https \
    ca-certificates \
    curl \
    gnupg-agent \
    Software-properties-common
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
sudo apt-key fingerprint 0EBFCD88
sudo add-apt-repository \
    "deb [arch=amd64] https://download.docker.com/linux/ubuntu \
    $(lsb_release -cs) \
    Stable"
sudo apt-get update
sudo apt-get install docker-ce docker-ce-cli containerd.io
```

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Tes dengan menjalankan:

```
sudo docker run hello-world
```

nanti akan muncul tampilan kira-kira seperti:

```
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
1b930d010525: Pull complete
Digest: sha256:fc6a51919cfec2e6763f62b6d9e8815acbf7cd2e476ea353743570610737b752
Status: Downloaded newer image for hello-world:latest
```

Hello from Docker!

This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:

1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
(amd64)
3. The Docker daemon created a new container from that image which runs the executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it to your terminal.

To try something more ambitious, you can run an Ubuntu container with:

```
$ docker run -it ubuntu bash
```

Share images, automate workflows, and more with a free Docker ID:

```
https://hub.docker.com/
```

For more examples and ideas, visit:

```
https://docs.docker.com/get-started/
```

SELAMAT, berarti sudah berhasil install Docker di Ubuntu 18.04

Instalasi Docker compose di Ubuntu 18.04

```
sudo curl -L  
"https://github.com/docker/compose/releases/download/1.25.4/docker-compose-$  
(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose  
  
sudo chmod +x /usr/local/bin/docker-compose
```

Tes dengan menjalankan:

```
docker-compose --version
```

maka akan muncul pesan semacam dibawah ini:

```
docker-compose version 1.25.4, build 8d51620a
```

Install SLiMS (fresh install, new install) di Ubuntu berbasis Docker

Opsional: Buat folder .slims:

```
cd  
mkdir -p .slims
```

Kemudian masuk ke folder tersebut:

```
cd .slims
```

Akses web: <https://github.com/slisms/docker-compose-for-slims>

Kemudian unduh di "Clone or download" => "Download ZIP" (<https://github.com/slisms/docker-compose-for-slims/archive/master.zip>)

```
wget -c https://github.com/slisms/docker-compose-for-slims/archive/master.zip
```

Install aplikasi unzip:

```
sudo apt-get install unzip
```

Kemudian unzip file master.zip

```
unzip master.zip
```

akan terbentuk folder "docker-compose-for-slims-master"

rename biar lebih pendek:

```
mv docker-compose-for-slims-master compose
```

masuk ke folder "compose":

```
cd compose
```

Install SLiMS (fresh install, new install) di Ubuntu berbasis Docker

Di dalam folder app/slims sudah tersedia SLiMS Bulian versi 9.1.1. Opsional: Jika ingin mengganti dengan versi SLiMS yang lebih tinggi, tinggal download, ekstrak dan rename folder menjadi "slims".

Oke berikutnya menjalankan Docker compose. Ada tiga opsi untuk menjalankannya:

(1) versi Default. Menggunakan Apache web server, Database, and mekanisme session bawaan.
untuk menjalankan servis:

```
sudo docker-compose -f docker-compose.yaml up -d --remove-orphan
```

untuk mematikan servis:

```
sudo docker-compose -f docker-compose.yaml down
```

(2) Versi Redis: Menggunakan Apache web server, Database, mekanisme session menggunakan Redis.
untuk menjalankan servis:

```
sudo docker-compose -f docker-compose-redis.yaml up -d --remove-orphan
```

untuk mematikan servis:

```
sudo docker-compose -f docker-compose-redis.yaml down
```

(3) Versi advanced. 3 instance container SLiMS di load balancing dengan haproxy. Mensyaratkan haproxy diinstall pada Host server. untuk menginstall haproxy:

```
sudo apt-get install haproxy
```

Kemudian replace file /etc/haproxy/haproxy.cfg dengan file compose/conf/haproxy/haproxy.cfg

```
sudo cp conf/haproxy/haproxy.cfg /etc/haproxy/haproxy.cfg
```

untuk menjalankan servis:

```
sudo docker-compose -f docker-compose-redis-load_balanced-haproxy.yaml up -d --remove-orphan
```

untuk mematikan servis:

```
sudo docker-compose -f docker-compose-redis-load_balanced-haproxy.yaml down
```

Install SLiMS (fresh install, new install) di Ubuntu berbasis Docker

Oiya jangan lupa agar folder images, files, repository dan config bisa ditulis oleh web server:

```
sudo chmod -R 777 app/slims/files app/slims/repository app/slims/images app/slims/config
```

harusnya slims sudah bisa diakses dan langsung masuk ke menu instalasi berbasis web. Sebelum mulai melakukan instalasi, alangkah baiknya merubah password default root password MySQL dalam file “db_default.env”. Jangan lupa ya.



Welcome to SLiMS

As an integrated library management system, SLiMS (Senayan Library Management System) offers many features to assist libraries and librarians do their jobs quickly, neatly, and with style.

[Get Started](#)

THE POWER OF OPEN SOURCE

No cost needed. Just Download.

BIBLIOGRAPHY

Input data, faster, with peer-to-peer copy cataloguing.

PATRON

Make your library card, instantly.

REPORT

Robust reporting. Print it or easily convert to CSV.

STOCK OPNAME

Inventory check with style. As easy as ABC.

SERIAL CONTROL

Make list of your serials subscription.

MORE FEATURES

Get started, try it and have fun. You'll find paradise ;)

System requirements

Checking the minimum system requirements to install SLiMS

PHP

7.4.3

Database driver

mysqli

PHP GD

installed

PHP gettext

installed

PHP mbstring

installed

YAZ

not installed

YAZ not installed. It's optional, but will be needed if you want to use Z39.50 protocol.

Pre-Installation Step

/config is writable : Yes

/files is writable : Yes

/images is writable : Yes

/repository is writable : Yes



[Next](#)

What do you want?

Choose your side!

Brand new SLiMS installation

You are a first time user. You have not utilise any automation system to manage your library activity. Or, you have used another automation system but you want to give SLiMS a try. Go ahead, do not hesitate to install it. Clik the button.

[Install SLiMS](#)



Upgrade my previous SLiMS version

So, you have finally chose your side. And you want to feel more power by using the brand new SLiMS version. Remember, every action demands its own responsibility. Clik the button to taste more of its sweetness.

[Upgrade my SLiMS](#)

Install New SLiMS — 1 of 2

Please follow the instructions and fill the form if required

Database information

Please complete the following form with your database connection parameters/settings

DATABASE HOST

slims-db

DATABASE NAME

slims

Notes: If this database name not exist, SLiMS will try to create it for you. Make sure you have this privilege.

DATABASE USERNAME

slims_user

DATABASE PASSWORD



Test Connection

SLiMS version 9 — Bullian

Install New SLiMS — 1 of 2

Please follow the instructions and fill the form if required

Database information

Please complete the following form with your database connection parameters/settings

DATABASE HOST
slims-db

DATABASE NAME
slims

Notes: If this database name not exist, SLiMS will try to create it for you. Make sure you have this privilege.

DATABASE USERNAME
slims_user

DATABASE PASSWORD

Connection OK. Next





Install New SLIMS — 2 of 2

Please follow the instructions and fill the form if required

Generate Sample Data

SLIMS can generate dummy data for you. Do it?

No, don't do that! ▾

Super User profiles

Please complete the following form with Super User login and password

USERNAME

admin

PASSWORD

RETYPE PASSWORD

Run the installation



New SLiMS successful installed.

Congratulation, now you have SLiMS in your machine.

Folder `install` in your SLiMS is already exist. For security reason please rename or remove it from your machine.

Support Us

Support SLiMS development and become part of its history. We appreciate every donation to support us in any way. If you willing to make donation, please follow this link: <https://slims.web.id/web/pages/support-us/>

List of individuals and or institutions who have made donations provided at `supports.txt`

Your donation means a lot for SLiMS development ahead

[Go to my SLiMS](#)

Not secure | /slims/index.php

Senayan

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Enter keyword to search collection...

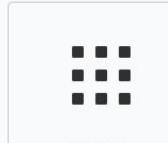
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