

# BookStack

?????BookStack?????????

- [BookStack???????](#)
  - [Ubuntu?Bookstack???????](#)

BookStack???????

BookStack??????

# Ubuntu?Bookstack???????

Redmine?????knowledgebase???Wiki?/? ??????BookStack?????????????????

<https://www.bookstackapp.com/>

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- ????????????
- Ubuntu 20.04
  - Ubuntu 22.04???????
  - Ubuntu 24.04???????
- Apache 2.4?
- MySQL 8?
- PHP 8.1?
  - Ubuntu 24.04?PHP8.3???
- Composer 2.6
  - [?????????](#)

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1. DB???????
2. BookStack?????????????
3. BookStack???????????
4. Apache???????????????
5. Web?????????????????????

## DB??

```
mysql -u root -p

CREATE DATABASE bookstack character set utf8mb4;

CREATE USER 'bookstackuser'@'localhost' IDENTIFIED BY 'password';

GRANT ALL PRIVILEGES ON bookstack.* TO 'bookstackuser'@'localhost';

FLUSH PRIVILEGES;

EXIT;
```

DB????????????????????

- DB???

```
mysql -u bookstackuser -p
```

????????????????

- DB??

```
SHOW DATABASES;
```

bookstack??????

- ????

```
exit
```

## BookStack???

- ?????????

```
cd /home/www-data && pwd
```

? ??????????/home/www-data??????  
? ?????????Web????????????????

- git clone

```
sudo git clone https://github.com/BookStackApp/BookStack.git --branch release --single-branch
```

- ????

```
sudo chown -R www-data:www-data BookStack
```

## ????????

- ???????

```
cd /home/www-data/BookStack && pwd
```

git clone????????

- Composer Install

```
sudo composer install --no-dev
```

- ?????????

```
sudo cp -pi .env.example .env
```

- ??????

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```
APP_URL=https://hoge.example.com
```

```
# URL
```

```
# Database details
```

```
DB_HOST=localhost
```

```
DB_DATABASE=bookstack
```

```
DB_USERNAME=bookstackuser
```

```
DB_PASSWORD=password
```

```
# DB
```

- DB????

```
sudo php artisan key:generate
```

```
sudo php artisan db:seed --force
```

```
sudo php artisan migrate --force
```

## Apache??????

- ????????
  - BookStack???????
  - ??????????????????

```
cat <<- __EOF__ | sudo tee -a /etc/apache2/sites-available/bookstack.conf
```

```
<VirtualHost *:80>
```

```
servername hoge.example.com
```

```
#
```

```
RewriteEngine On
```

```
    RewriteCond %{HTTPS} off
```

```
    RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
```

```
# HTTPHTTPS
```

```
</VirtualHost>
```

```
<VirtualHost *:443>
```

```
    ServerName hoge.example.com
```

```

# [REDACTED]
CustomLog /var/log/bookstack/bs_access.log combined
ErrorLog /var/log/bookstack/bs_error.log
DocumentRoot /home/www-data/BookStack/public
# [REDACTED]
<Directory /home/www-data/BookStack/public>
# [REDACTED]
    AllowOverride All
    Require all granted
    Options +FollowSymLinks
    RewriteEngine On
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^ index.php [L]
</Directory>

#SSL[REDACTED]
    SSLEngine on
    Protocols h2 http/1.1
# SSL[REDACTED]

SSLCertificateFile /etc/certs/example.com.crt
# SSL[REDACTED]
SSLCertificateKeyFile /etc/private/example.com.key
# [REDACTED]

# SSLCACertificateFile /etc/certs/example.com.CA.crt
# [REDACTED]

# [REDACTED]

    Header always set Strict-Transport-Security "max-age=63072000"
    Header set X-Content-Type-Options "nosniff"
    Header always append X-Frame-Options "SAMEORIGIN"
    Header set X-XSS-Protection "1; mode=block"

</VirtualHost>

SSLProtocol          all -SSLv3 -TLSv1 -TLSv1.1 -TLSv1.2
SSLCipherSuite       ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-

```

```
AES256-GCM-SHA384:EC6-GCM-SHA384
SSLHonorCipherOrder    off
SSLSessionTickets      off

SSLUseStapling On
SSLStaplingCache "shmcb:logs/ssl_stapling(32768)"
__EOF__
```

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- Apache????????

```
sudo a2ensite bookstack.conf
```

- ?????????

```
sudo apache2ctl configtest
```

SyntaxOK??????

- Web??????

```
sudo systemctl restart apache2.service
```

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https://????????

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## メールアドレス

☐ ログイン情報を保存する[ログイン](#)

- ??ID????????????