

# installare BookStack step by step

## Requisiti Base:

1. **Debian Trixie (13)**
2. **Apache2**
3. **PHP**
4. **MariaDb**

## Aggiornare il server e installare le dipendenze:

```
sudo apt update && sudo apt upgrade -y
sudo apt install php-fpm php-mysql php-curl php-mbstring php-gd php-xml php-zip php-tidy php-intl php-bcmath git unzip -y
```

## Configurare il Database (MariaDB):

```
sudo mysql -u root -p
CREATE DATABASE bookstack;
CREATE USER 'bookstack'@'localhost' IDENTIFIED BY 'password_sicura';
GRANT ALL PRIVILEGES ON bookstack.* TO 'bookstack'@'localhost';
FLUSH PRIVILEGES;
EXIT;
```

## Scaricare BookStack:

```
cd /var/www/html
sudo git clone https://github.com/BookStackApp/BookStack.git --branch release --single-branch
bookstack
cd /var/www/html/bookstack
```

## Installa le dipendenze PHP (Composer):

```
sudo apt install composer -y
sudo -u www-data composer install --no-dev --prefer-dist
```

## Prepara l'Ambiente:

```
sudo cp .env.example .env
sudo vi .env # Modificare i dettagli DB e l'URL
sudo php artisan key:generate # rispondi YES selezionandolo con tasto tab della tastiera
sudo php artisan migrate # rispondi YES selezionandolo con tasto tab della tastiera
```

## Imposta i permessi:

```
sudo chown -R www-data:www-data /var/www/html/bookstack
```

## Imposta Apache2:

```
cd /etc/apache2/sites-available
sudo vi nome_che_scegli.conf # usa il tuo editor preferito, io uso vi
```

## in nomechescegli.conf scrivi:

```
<VirtualHost *:80>

[]# This is a simple example of an Apache VirtualHost configuration
[]# file that could be used with BookStack.
[]# This assumes mod_php AND mod_rewrite have been installed and enabled.
[]#
[]# Change the "docs.example.com" usage in the "ServerName" directive
[]# to be your web domain for BookStack.
[]#
[]# Change the "/var/www/bookstack/public/", used twice below, to the
[]# location of the "public" folder within your BookStack installation.
[]#
[]# This configuration is only for HTTP, Not HTTPS.
[]# For HTTPS we recommend using https://certbot.eff.org/

[]ServerName docs.example.com # SOSTITUIRE CON TUO DOMINO #
[]DocumentRoot /var/www/html/bookstack/public/

[]<Directory /var/www/html/bookstack/public/>
[]Options Indexes FollowSymLinks
```

```

AllowOverride None
Require all granted
<IfModule mod_rewrite.c>
  <IfModule mod_negotiation.c>
    Options -MultiViews -Indexes
  </IfModule>

  RewriteEngine On

  # Handle Authorization Header
  RewriteCond %{HTTP:Authorization} .
  RewriteRule .* - [E=HTTP_AUTHORIZATION:%{HTTP:Authorization}]

  # Redirect Trailing Slashes If Not A Folder...
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_URI} (.+)/$
  RewriteRule ^ %1 [L,R=301]

  # Handle Front Controller...
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteRule ^ index.php [L]
</IfModule>
</Directory>

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

</VirtualHost>

```

## UNA VOLTA SALVATO, DAI QUESTI COMANDI:

```

sudo a2ensite nome_che_hai_scelto.conf
sudo systemctl reload apache2

```

a questo punto, vai con il browser su: <http://tuonomesito> (quello che hai indicato nel virtualhost)

al primo login inserire come user: `admin@admin.com` e come password: `password`

**RICORDATI DI CAMBIARLE SUBITO.**

una volta inserito i cambiamenti e le tue personalizzazioni, fai il logout e vedrai il tuo Wiki pronto!

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