

DOC BOOKSTACK

Procédure d'installation de Bookstack avec mariadb et nginx ainsi que de cheatsheet en commun avec tous les users

CheatSheet en commun :

Pour commencer on va télécharger le magnifique scripte fais par mon group durant un TP à l'adresse suivante :

```
- cd /root
- wget https://raw.githubusercontent.com/amadboss/smol_code_ESGI/main/installation_cheat.sh
```

OU

```
- wget https://raw.githubusercontent.com/Denis-REMACLE/smol_code_ESGI/main/installation_cheat.sh
Rendre le fichier executable :
- chmod +x installation_cheat.sh
- ./ installation_cheat.sh
```

Installation de BookStack :

Installation des dépendance et configuration:

```
- apt update && apt full-upgrade
- apt install nginx mariadb-server mariadb-client php php-cli php-fpm php-json php-common php-
```

```

mysql php-zip php-gd php-mbstring php-curl php-xml php-pear php-bcmath php7.3-fpm php7.3-
common php7.3-sqlite php7.3-curl php7.3-intl php7.3-mbstring php7.3-xmlrpc php7.3-mysql
php7.3-gd php7.3-xml php7.3-cli mcrypt php7.3-tidy php7.3-zip software-properties-common
composer git
- apt update
- systemctl enable mariadb.service && systemctl enable nginx
- mysql_secure_installation
Enter current password for root (enter for none): <Entrée>
Set root password? [Y/n] <Y>
New password: <mettre le mot de passe>
Re-enter new password: <mettre le mot de passe>
Remove anonymous users? [Y/n] <Y>
Disallow root login remotely? [Y/n] <Y>
  Remove test database and access to it? [Y/n] <Y>
Reload privilege tables now? [Y/n] <Y>

```

Configuration des base de données :

```

- nano /etc/php/7.3/fpm/php.ini
file_uploads = On
allow_url_fopen = On
memory_limit = 256M
upload_max_filesize = 100M
;cgi.fix_pathinfo = 0
max_execution_time = 360
date.timezone = Europe/Paris

- systemctl restart nginx.service
- mysql -u root -p
CREATE DATABASE bookstack;
CREATE USER 'bookstackuser'@'localhost' IDENTIFIED BY '<mot de passe>';
GRANT ALL ON bookstack.* TO 'bookstackuser'@'localhost' IDENTIFIED BY '<mot de passe>' WITH
GRANT OPTION;
FLUSH PRIVILEGES;
EXIT;

```

installation de BookStack:

```

- cd /var/www/html/
- git clone https://github.com/BookStackApp/BookStack.git --branch release --single-branch
- cd BookStack
- composer install
- mv .env.example .env
- nano .env
APP_URL=http://wiki.esgi.local
DB_DATABASE=bookstack
DB_USERNAME=bookstackuser
DB_PASSWORD=<mot de passe user bookstack>

- cd /var/www/html/BookStack
- php artisan key:generate
Do you really wish to run this command? (yes/no) [no]: y
- php artisan migrate
Do you really wish to run this command? (yes/no) [no]: y
- chown -R www-data:www-data /var/www/html/BookStack/
- chmod -R 755 /var/www/html/BookStack/

```

Configuration de Nginx:

Virtual host :

```

- nano /etc/nginx/sites-available/bookstack
server {
    listen 80;
    listen [::]:80;
    root /var/www/html/BookStack/public;
    index index.php index.html index.htm;
    server_name wiki.esgi.local www.wiki.esgi.local;

    client_max_body_size 100M;

    location / {
        try_files $uri $uri/ /index.php?$query_string;
    }

    location ~ \.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass          unix:/var/run/php/php7.3-fpm.sock;
    }
}

```

```
    fastcgi_param    SCRIPT_FILENAME $document_root$fastcgi_script_name;
    }
}
```

Remarque : pour tester ma configuration il y a la commande `nginx -t`

Activation du site:

```
- ln -s /etc/nginx/sites-available/bookstack /etc/nginx/sites-enabled/

- systemctl restart nginx.service
```

Identifiant par default : `admin@admin.com`

Mot de passe par default : `password`

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