

# Bookstack

## Installation

Voici la stack que j'ai utilisé pour installer Bookstack en docker.

Il faut bien-sûr remplacer les mots de passe, le port ainsi que le lien choisi pour y accéder.

```
---
version: "2"
services:
  bookstack:
    image: lscr.io/linuxserver/bookstack
    container_name: bookstack
    environment:
      - PUID=1000
      - PGID=1000
      - APP_URL=https://wiki.domaine.fr
      #- ALLOWED_IFRAME_HOSTS=https://wiki.domaine.fr
      - DB_HOST=bookstack_db
      - DB_PORT=3306
      - DB_USER=bookstack
      - DB_PASS=<mot de passe DB>
      - DB_DATABASE=bookstackapp
    volumes:
      - config:/config
    ports:
      - 64080:80
    restart: unless-stopped
    depends_on:
      - bookstack_db
  bookstack_db:
    image: lscr.io/linuxserver/mariadb
    container_name: bookstack_db
    environment:
```

```
- PUID=1000
- PGID=1000
- MYSQL_ROOT_PASSWORD=<mot de passe root DB>
- TZ=Europe/Paris
- MYSQL_DATABASE=bookstackapp
- MYSQL_USER=bookstack
- MYSQL_PASSWORD=<mot de passe DB>
```

volumes:

```
- config-db:/config
```

restart: unless-stopped

volumes:

config:

config-db:

Une fois le déploiement fait, il faut créer les redirections DNS et générer un certificat.

Une fois les opérations faite, il suffit d'accéder au sous-domaine et se connecter.

Utilisateur par défaut est `admin@admin.com` et le mot de passe `password` a changé tout de suite `[[`.

## Avancer

Pour les paramètres avancés, il faut aller dans `/config/www/.env`.

Un paramètre intéressant est le dark-mode, on peut également configurer le serveur SMTP pour l'envoi de courriel.

Voici la liste complète des paramètres que l'on peut modifier ou ajouter :

```
# Full list of environment variables that can be used with BookStack.
# Selectively copy these to your '.env' file as required.
# Each option is shown with it's default value.
# Do not copy this whole file to use as your '.env' file.

# Application environment
# Can be 'production', 'development', 'testing' or 'demo'
APP_ENV=production

# Enable debug mode
# Shows advanced debug information and errors.
# CAN EXPOSE OTHER VARIABLES, LEAVE DISABLED
```

APP\_DEBUG=false

# Application key

# Used for encryption where needed.

# Run `php artisan key:generate` to generate a valid key.

APP\_KEY=SomeRandomString

# Application URL

# This must be the root URL that you want to host BookStack on.

# All URL's in BookStack will be generated using this value.

APP\_URL=https://example.com

# Application default language

# The default language choice to show.

# May be overridden by user-preference or visitor browser settings.

APP\_LANG=en

# Auto-detect language for public visitors.

# Uses browser-sent headers to infer a language.

# APP\_LANG will be used if such a header is not provided.

APP\_AUTO\_LANG\_PUBLIC=true

# Application timezone

# Used where dates are displayed such as on exported content.

# Valid timezone values can be found here: <https://www.php.net/manual/en/timezones.php>

APP\_TIMEZONE=UTC

# Application theme

# Used to specific a themes/<APP\_THEME> folder where BookStack UI

# overrides can be made. Defaults to disabled.

APP\_THEME=false

# Trusted proxies

# Used to indicate trust of systems that proxy to the application so

# certain header values (Such as "X-Forwarded-For") can be used from the

# incoming proxy request to provide origin detail.

# Set to an IP address, or multiple comma seperated IP addresses.

# Can alternatively be set to "\*" to trust all proxy addresses.

APP\_PROXIES=null

# Database details

# Host can contain a port (localhost:3306) or a separate DB\_PORT option can be used.

DB\_HOST=localhost

DB\_PORT=3306

DB\_DATABASE=database\_database

```
DB_USERNAME=database_username
DB_PASSWORD=database_user_password
```

```
# MySQL specific connection options
# Path to Certificate Authority (CA) certificate file for your MySQL instance.
# When this option is used host name identity verification will be performed
# which checks the hostname, used by the client, against names within the
# certificate itself (Common Name or Subject Alternative Name).
MYSQL_ATTR_SSL_CA="/path/to/ca.pem"
```

```
# Mail system to use
# Can be 'smtp' or 'sendmail'
MAIL_DRIVER=smtp
```

```
# Mail sending options
MAIL_FROM=mail@bookstackapp.com
MAIL_FROM_NAME=BookStack
```

```
# SMTP mail options
MAIL_HOST=localhost
MAIL_PORT=1025
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
```

```
# Cache & Session driver to use
# Can be 'file', 'database', 'memcached' or 'redis'
CACHE_DRIVER=file
SESSION_DRIVER=file
```

```
# Session configuration
SESSION_LIFETIME=120
SESSION_COOKIE_NAME=bookstack_session
SESSION_SECURE_COOKIE=false
```

```
# Cache key prefix
# Can be used to prevent conflicts multiple BookStack instances use the same store.
CACHE_PREFIX=bookstack
```

```
# Memcached server configuration
# If using a UNIX socket path for the host, set the port to 0
# This follows the following format: HOST:PORT:WEIGHT
# For multiple servers separate with a comma
MEMCACHED_SERVERS=127.0.0.1:11211:100
```

```
# Redis server configuration
# This follows the following format: HOST:PORT:DATABASE
# or, if using a password: HOST:PORT:DATABASE:PASSWORD
# For multiple servers separate with a comma. These will be clustered.
REDIS_SERVERS=127.0.0.1:6379:0

# Queue driver to use
# Can be 'sync', 'database' or 'redis'
QUEUE_CONNECTION=sync

# Storage system to use
# Can be 'local', 'local_secure' or 's3'
STORAGE_TYPE=local

# Image storage system to use
# Defaults to the value of STORAGE_TYPE if unset.
# Accepts the same values as STORAGE_TYPE.
STORAGE_IMAGE_TYPE=local

# Attachment storage system to use
# Defaults to the value of STORAGE_TYPE if unset.
# Accepts the same values as STORAGE_TYPE although 'local' will be forced to 'local_secure'.
STORAGE_ATTACHMENT_TYPE=local_secure

# Amazon S3 storage configuration
STORAGE_S3_KEY=your-s3-key
STORAGE_S3_SECRET=your-s3-secret
STORAGE_S3_BUCKET=s3-bucket-name
STORAGE_S3_REGION=s3-bucket-region

# S3 endpoint to use for storage calls
# Only set this if using a non-Amazon s3-compatible service such as Minio
STORAGE_S3_ENDPOINT=https://my-custom-s3-compatible.service.com:8001

# Storage URL prefix
# Used as a base for any generated image urls.
# An s3-format URL will be generated if not set.
STORAGE_URL=false

# Authentication method to use
# Can be 'standard', 'ldap', 'saml2' or 'oidc'
AUTH_METHOD=standard

# Automatically initiate login via external auth system if it's the only auth method.
# Works with saml2 or oidc auth methods.
```

AUTH\_AUTO\_INITIATE=false

# Social authentication configuration

# All disabled by default.

# Refer to <https://www.bookstackapp.com/docs/admin/third-party-auth/>

AZURE\_APP\_ID=false

AZURE\_APP\_SECRET=false

AZURE\_TENANT=false

AZURE\_AUTO\_REGISTER=false

AZURE\_AUTO\_CONFIRM\_EMAIL=false

DISCORD\_APP\_ID=false

DISCORD\_APP\_SECRET=false

DISCORD\_AUTO\_REGISTER=false

DISCORD\_AUTO\_CONFIRM\_EMAIL=false

FACEBOOK\_APP\_ID=false

FACEBOOK\_APP\_SECRET=false

FACEBOOK\_AUTO\_REGISTER=false

FACEBOOK\_AUTO\_CONFIRM\_EMAIL=false

GITHUB\_APP\_ID=false

GITHUB\_APP\_SECRET=false

GITHUB\_AUTO\_REGISTER=false

GITHUB\_AUTO\_CONFIRM\_EMAIL=false

GITLAB\_APP\_ID=false

GITLAB\_APP\_SECRET=false

GITLAB\_BASE\_URI=false

GITLAB\_AUTO\_REGISTER=false

GITLAB\_AUTO\_CONFIRM\_EMAIL=false

GOOGLE\_APP\_ID=false

GOOGLE\_APP\_SECRET=false

GOOGLE\_SELECT\_ACCOUNT=false

GOOGLE\_AUTO\_REGISTER=false

GOOGLE\_AUTO\_CONFIRM\_EMAIL=false

OKTA\_BASE\_URL=false

OKTA\_APP\_ID=false

OKTA\_APP\_SECRET=false

OKTA\_AUTO\_REGISTER=false

OKTA\_AUTO\_CONFIRM\_EMAIL=false

```
SLACK_APP_ID=false
SLACK_APP_SECRET=false
SLACK_AUTO_REGISTER=false
SLACK_AUTO_CONFIRM_EMAIL=false
```

```
TWITCH_APP_ID=false
TWITCH_APP_SECRET=false
TWITCH_AUTO_REGISTER=false
TWITCH_AUTO_CONFIRM_EMAIL=false
```

```
TWITTER_APP_ID=false
TWITTER_APP_SECRET=false
TWITTER_AUTO_REGISTER=false
TWITTER_AUTO_CONFIRM_EMAIL=false
```

```
# LDAP authentication configuration
# Refer to https://www.bookstackapp.com/docs/admin/ldap-auth/
LDAP_SERVER=false
LDAP_BASE_DN=false
LDAP_DN=false
LDAP_PASS=false
LDAP_USER_FILTER=false
LDAP_VERSION=false
LDAP_START_TLS=false
LDAP_TLS_INSECURE=false
LDAP_ID_ATTRIBUTE=uid
LDAP_EMAIL_ATTRIBUTE=mail
LDAP_DISPLAY_NAME_ATTRIBUTE=cn
LDAP_THUMBNAIL_ATTRIBUTE=null
LDAP_FOLLOW_REFERRALS=true
LDAP_DUMP_USER_DETAILS=false
```

```
# LDAP group sync configuration
# Refer to https://www.bookstackapp.com/docs/admin/ldap-auth/
LDAP_USER_TO_GROUPS=false
LDAP_GROUP_ATTRIBUTE="memberOf"
LDAP_REMOVE_FROM_GROUPS=false
LDAP_DUMP_USER_GROUPS=false
```

```
# SAML authentication configuration
# Refer to https://www.bookstackapp.com/docs/admin/saml2-auth/
SAML2_NAME=SSO
SAML2_EMAIL_ATTRIBUTE=email
SAML2_DISPLAY_NAME_ATTRIBUTES=username
SAML2_EXTERNAL_ID_ATTRIBUTE=null
```

```
SAML2_IDP_ENTITYID=null
SAML2_IDP_SSO=null
SAML2_IDP_SLO=null
SAML2_IDP_x509=null
SAML2_ONELOGIN_OVERRIDES=null
SAML2_DUMP_USER_DETAILS=false
SAML2_AUTOLOAD_METADATA=false
SAML2_IDP_AUTHNCONTEXT=true
SAML2_SP_x509=null
SAML2_SP_x509_KEY=null

# SAML group sync configuration
# Refer to https://www.bookstackapp.com/docs/admin/saml2-auth/
SAML2_USER_TO_GROUPS=false
SAML2_GROUP_ATTRIBUTE=group
SAML2_REMOVE_FROM_GROUPS=false

# OpenID Connect authentication configuration
# Refer to https://www.bookstackapp.com/docs/admin/oidc-auth/
OIDC_NAME=SSO
OIDC_DISPLAY_NAME_CLAIMS=name
OIDC_CLIENT_ID=null
OIDC_CLIENT_SECRET=null
OIDC_ISSUER=null
OIDC_ISSUER_DISCOVER=false
OIDC_PUBLIC_KEY=null
OIDC_AUTH_ENDPOINT=null
OIDC_TOKEN_ENDPOINT=null
OIDC_ADDITIONAL_SCOPES=null
OIDC_DUMP_USER_DETAILS=false
OIDC_USER_TO_GROUPS=false
OIDC_GROUPS_CLAIM=groups
OIDC_REMOVE_FROM_GROUPS=false

# Disable default third-party services such as Gravatar and Draw.IO
# Service-specific options will override this option
DISABLE_EXTERNAL_SERVICES=false

# Use custom avatar service, Sets fetch URL
# Possible placeholders: ${hash} ${size} ${email}
# If set, Avatars will be fetched regardless of DISABLE_EXTERNAL_SERVICES option.
# Example:
AVATAR_URL=https://seccdn.libravatar.org/avatar/${hash}?s=${size}&d=identicon
AVATAR_URL=
```



```
# Enable diagrams.net integration
# Can simply be true/false to enable/disable the integration.
# Alternatively, It can be URL to the diagrams.net instance you want to use.
# For URLs, The following URL parameters should be included:
embed=1&proto=json&spin=1&configure=1
DRAWIO=true

# Default item listing view
# Used for public visitors and user's without a preference.
# Can be 'list' or 'grid'.
APP_VIEWS_BOOKS=list
APP_VIEWS_BOOKSHELVES=grid
APP_VIEWS_BOOKSHELF=grid

# Use dark mode by default
# Will be overridden by any user/session preference.
APP_DEFAULT_DARK_MODE=false

# Page revision limit
# Number of page revisions to keep in the system before deleting old revisions.
# If set to 'false' a limit will not be enforced.
REVISION_LIMIT=100

# Recycle Bin Lifetime
# The number of days that content will remain in the recycle bin before
# being considered for auto-removal. It is not a guarantee that content will
# be removed after this time.
# Set to 0 for no recycle bin functionality.
# Set to -1 for unlimited recycle bin lifetime.
RECYCLE_BIN_LIFETIME=30

# File Upload Limit
# Maximum file size, in megabytes, that can be uploaded to the system.
FILE_UPLOAD_SIZE_LIMIT=50

# Export Page Size
# Primarily used to determine page size of PDF exports.
# Can be 'a4' or 'letter'.
EXPORT_PAGE_SIZE=a4

# Allow <script> tags in page content
# Note, if set to 'true' the page editor may still escape scripts.
ALLOW_CONTENT_SCRIPTS=false
```

# Indicate if robots/crawlers should crawl your instance.  
# Can be 'true', 'false' or 'null'.  
# The behaviour of the default 'null' option will depend on the 'app-public' admin setting.  
# Contents of the robots.txt file can be overridden, making this option obsolete.  
ALLOW\_ROBOTS=null

# Allow server-side fetches to be performed to potentially unknown  
# and user-provided locations. Primarily used in exports when loading  
# in externally referenced assets.  
# Can be 'true' or 'false'.  
ALLOW\_UNTRUSTED\_SERVER\_FETCHING=false

# A list of hosts that BookStack can be iframed within.  
# Space separated if multiple. BookStack host domain is auto-inferred.  
# For Example: ALLOWED\_IFRAME\_HOSTS="https://example.com https://a.example.com"  
# Setting this option will also auto-adjust cookies to be SameSite=None.  
ALLOWED\_IFRAME\_HOSTS=null

# A list of sources/hostnames that can be loaded within iframes within BookStack.  
# Space separated if multiple. BookStack host domain is auto-inferred.  
# Can be set to a lone "\*" to allow all sources for iframe content (Not advised).  
# Defaults to a set of common services.  
# Current host and source for the "DRAWIO" setting will be auto-appended to the sources  
configured.  
ALLOWED\_IFRAME\_SOURCES="https://\*.draw.io https://\*.youtube.com https://\*.youtube-  
nocookie.com https://\*.vimeo.com"

# The default and maximum item-counts for listing API requests.  
API\_DEFAULT\_ITEM\_COUNT=100  
API\_MAX\_ITEM\_COUNT=500

# The number of API requests that can be made per minute by a single user.  
API\_REQUESTS\_PER\_MIN=180

# Enable the logging of failed email+password logins with the given message.  
# The default log channel below uses the php 'error\_log' function which commonly  
# results in messages being output to the webserver error logs.  
# The message can contain a %u parameter which will be replaced with the login  
# user identifier (Username or email).  
LOG\_FAILED\_LOGIN\_MESSAGE=false  
LOG\_FAILED\_LOGIN\_CHANNEL=errorlog\_plain\_webserver

# Alter the precision of IP addresses stored by BookStack.  
# Should be a number between 0 and 4, where 4 retains the full IP address  
# and 0 completely hides the IP address. As an example, a value of 2 for the

```
# IP address '146.191.42.4' would result in '146.191.x.x' being logged.  
# For the IPv6 address '2001:db8:85a3:8d3:1319:8a2e:370:7348' this would result as:  
# '2001:db8:85a3:8d3:x:x:x:x'  
IP_ADDRESS_PRECISION=4
```

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