

Bookstack

Aplicación de documentación o autoría, que estructura la información con la analogía de estantes, libros, capítulos y hojas. Fácil de entender y flexible a la hora de organizar el contenido.

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bookstack - Instalación en container lxc debian 11

Para hacerlo se utilizó el siguiente playbook de ansible

modificado del repositorio <https://github.com/supertarto/ansible-bookstack>

Para que funcionara detras de un reverse proxy hubo que agregar en el archivo /var/www/bookstack/.env el nombre de la pagina que recibe el trafico en el proxy reverso. Ej:

```
APP_URL=https://ayuda.valsol.net
```

Luego entrar en la url default username as **admin@admin.com** and **password** as password

El siguiente es el playbook ejecutado

Nota: No encuentro el role ansible.apache ni el ansible.php en mis directorios. Tengo que probar nuevamente

```
- hosts: bookstack
  roles:
    - role: ansible.apache
    - role: ansible.php
    - role: ansible.mariadb
    - role: ansible.bookstack

  pre_tasks:
    - name: Update apt cache.
      apt:
        update_cache: true
        cache_valid_time: 600
      when: ansible_os_family == 'Debian'
      changed_when: false

  vars:
    php_packages:
      - php
      - php-mysql
```

- php-curl
- php-pdo
- php-xml
- php-mbstring
- php-gd
- php-tokenizer
- php-tidy

bookstack_host: localhost

bookstack_db_name: bookstackdb

bookstack_db_user: bookstackuser

bookstack_db_password: bookstackpassword

apache_create_vhosts: true

apache_mods_enabled:

- rewrite

apache_vhosts_filename: "bookstack.conf"

apache_vhost_config:

- listen_ip: "*"
listen_port: 80
server_name: host1
documentroot: "/var/www/Bookstack/public"
serveradmin: admin@localhost
custom_param: |
ErrorLog \${APACHE_LOG_DIR}/error.log
CustomLog \${APACHE_LOG_DIR}/access.log combined
LogLevel warn
directory:
- path: "/var/www/Bookstack/public"
config: |
AllowOverride All
Order deny,allow
allow from all
Options +FollowSymLinks
RewriteEngine On
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME} !-f
RewriteRule ^ index.php [L]

```
mariadb_use_dump_script: false
```

```
mariadb_databases:
```

```
- name: "{{ bookstack_db_name }}"
```

```
mariadb_users:
```

```
- name: "{{ bookstack_db_user }}"
```

```
  host: "{{ bookstack_host }}"
```

```
  password: "{{ bookstack_db_password }}"
```

```
  priv: "{{ bookstack_db_name }}.*:SELECT,INSERT,UPDATE,DELETE,CREATE,DROP,ALTER,CREATE  
TEMPORARY TABLES,LOCK TABLES"
```

Bookstack - Archivo de configuracion ejemplo completo

```
# 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.
```

```
# The details here only serve as a quick reference.  
# Please refer to the BookStack documentation for full details:  
# https://www.bookstackapp.com/docs/
```

```
# 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 timezones
# The first option is used to determine what timezone is used for date storage.
# Leaving that as "UTC" is advised.
# The second option is used to set the timezone which will be used for date
# formatting and display. This defaults to the "APP_TIMEZONE" value.
# Valid timezone values can be found here: https://www.php.net/manual/en/timezones.php
APP_TIMEZONE=UTC
APP_DISPLAY_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.
# An ipv6 address can be used via the square bracket format ([::1]).
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 configuration
# Refer to https://www.bookstackapp.com/docs/admin/email-webhooks/#email-configuration
MAIL_DRIVER=smtp
MAIL_FROM=bookstack@example.com
MAIL_FROM_NAME=BookStack

MAIL_HOST=localhost
MAIL_PORT=587
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
MAIL_VERIFY_SSL=true

MAIL_SENDMAIL_COMMAND="/usr/sbin/sendmail -bs"

# 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-Amaon 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="(&(uid={user}))"
LDAP_VERSION=false
LDAP_START_TLS=false
LDAP_TLS_INSECURE=false
LDAP_TLS_CA_CERT=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_USERINFO_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
OIDC_EXTERNAL_ID_CLAIM=sub
OIDC_END_SESSION_ENDPOINT=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

# Export PDF Command
# Set a command which can be used to convert a HTML file into a PDF file.
# When false this will not be used.
# String values represent the command to be called for conversion.
# Supports '{input_html_path}' and '{output_pdf_path}' placeholder values.
# Example: EXPORT_PDF_COMMAND="/scripts/convert.sh {input_html_path} {output_pdf_path}"
EXPORT_PDF_COMMAND=false

# Export PDF Command Timeout
# The number of seconds that the export PDF command will run before a timeout occurs.
# Only applies for the EXPORT_PDF_COMMAND option, not for DomPDF or wkhtmltopdf.
EXPORT_PDF_COMMAND_TIMEOUT=15

# Set path to wkhtmltopdf binary for PDF generation.
# Can be 'false' or a path path like: '/home/bins/wkhtmltopdf'
```

```
# When false, BookStack will attempt to find a wkhtmltopdf in the application
# root folder then fall back to the default dompdf renderer if no binary exists.
# Only used if 'ALLOW_UNTRUSTED_SERVER_FETCHING=true' which disables security protections.
WKHTMLTOPDF=false

# 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"

# A list of the sources/hostnames that can be reached by application SSR calls.
# This is used wherever users can provide URLs/hosts in-platform, like for webhooks.
# Host-specific functionality (usually controlled via other options) like auth
# or user avatars for example, won't use this list.
```

```
# Space seperated if multiple. Can use '*' as a wildcard.
# Values will be compared prefix-matched, case-insensitive, against called SSR urls.
# Defaults to allow all hosts.
ALLOWED_SSR_HOSTS=""

# 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
```