

# Installation Bookstack LS

Link: <https://www.bookstackapp.com/docs/admin/installation/#docker>

## Docker Containers

Community docker setups are available for those that would prefer to use a containerised version of BookStack:

### LinuxServer.io

- [GitHub Repository](#)
- [GitHub container package](#)
- [Example compose stack](#)

### solidnerd

- [GitHub Repository](#)
- [Docker Hub page](#)

Example compose stack - LinuxServer.io

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# This is an example complete example docker-compose.yml
# file for a linuxserver.io based BookStack setup
# using the linuxserver.io MariaDB container.

# ENSURE YOU PAY ATTENTION TO ALL COMMENTS BELOW.
# Many of the values are just examples, and you WILL
# have to make changes to suit your environment.

# These containers are maintained by the linuxserver.io
# team, not the official BookStack project.

# For non-commented options, refer to the linuxserver documentation:
# https://docs.linuxserver.io/images/docker-bookstack/#environment-variables-e

services:
```

# The container for BookStack itself

bookstack:

# You should update the version here to match the latest

# release of BookStack: <https://github.com/BookStackApp/BookStack/releases>

# You'll change this when wanting to update the version of BookStack used.

image: lscr.io/linuxserver/bookstack:version-v25.02

container\_name: bookstack

environment:

- PUID=1000

- PGID=1000

- TZ=Etc/UTC

# APP\_URL must be set as the base URL you'd expect to access BookStack

# on via the browser. The default shown here is what you might use if accessing

# direct from the browser on the docker host, hence the use of the port as configured below.

- APP\_URL=http://localhost:6875

# APP\_KEY must be a unique key. Generate your own by running

# docker run -it --rm --entrypoint /bin/bash lscr.io/linuxserver/bookstack:latest appkey

# You should keep the "base64:" part for the option value.

- APP\_KEY=base64:3qjll0UX4Tw6fUQgZcxMbz6lb8+dAzqpvlqHvahW1c=

# The below database details are purposefully aligned with those

# configured for the "mariadb" service below:

- DB\_HOST=mariadb

- DB\_PORT=3306

- DB\_DATABASE=bookstack

- DB\_USERNAME=bookstack

- DB\_PASSWORD=bookstack8432

volumes:

# You generally only ever need to map this one volume.

# This maps it to a "bookstack\_app\_data" folder in the same

# directory as this compose config file.

- ./bookstack\_app\_data:/config

ports:

# This exposes port 6875 for general web access.

# Commonly you'd have a reverse proxy in front of this,

# redirecting incoming requests to this port.

- 6875:80

restart: unless-stopped

# The container for the database which BookStack will use to store

# most of its core data/content.

mariadb:

# You should update the version here to match the latest

# main version of the linuxserver mariadb container version:

# <https://github.com/linuxserver/docker->

mariadb/pkgs/container/mariadb/versions?filters%5Bversion\_type%5D=tagged

image: lscr.io/linuxserver/mariadb:11.4.4

container\_name: mariadb

environment:

- PUID=1000

- PGID=1000

- TZ=Etc/UTC

# You may want to change the credentials used below,

# but be aware the latter three options need to align

# with the DB\_\* options for the BookStack container.

- MYSQL\_ROOT\_PASSWORD=mysupersecretpassword

- MYSQL\_DATABASE=bookstack

- MYSQL\_USER=bookstack

- MYSQL\_PASSWORD=bookstack8432

volumes:

# You generally only ever need to map this one volume.

# This maps it to a "bookstack\_db\_data" folder in the same

# directory as this compose config file.

- ./bookstack\_db\_data:/config

# These ports are commented out as you don't really need this port

# exposed for normal use, mainly only if connecting direct the the

# database externally. Otherwise, this risks exposing access to the

# database when not needed.

# ports:

- # - 3306:3306

restart: unless-stopped

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Revision #2

Created 23 May 2025 00:00:02 by Administrador

Updated 23 May 2025 22:20:13 by Administrador