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

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

# 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=base64:3qjlloUX4Tw6fUQgZcxMbz6lb8+dAzqpvItqHvahW1c=

      # The below database details are purposefully aligned with those
      # configuted 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=mysupersecretrootpassword
      - 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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