

# Photoprism

[Link](#) | [Link alt docker-compose.yml](#)

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version: '3.3'

# Example Docker Compose config file for PhotoPrism (Raspberry Pi / ARM64)
#
# Documentation : https://docs.photoprism.org/getting-started/raspberry-pi/
# Docker Hub URL: https://hub.docker.com/r/photoprism/photoprism-arm64/
#
# Please run behind a reverse proxy like Caddy, Traefik or Nginx if you need HTTPS / SSL
# support
# e.g. when running PhotoPrism on a public server outside your home network.
#
# -----
# DOCKER COMPOSE COMMAND REFERENCE
# -----
# Start      | docker-compose up -d
# Stop       | docker-compose stop
# Update     | docker-compose pull
# Logs       | docker-compose logs --tail=25 -f
# Terminal   | docker-compose exec photoprism bash
# Help       | docker-compose exec photoprism photoprism help
# Config     | docker-compose exec photoprism photoprism config
# Reset      | docker-compose exec photoprism photoprism reset
# Backup     | docker-compose exec photoprism photoprism backup -a -i
# Restore    | docker-compose exec photoprism photoprism restore -a -i
# Index      | docker-compose exec photoprism photoprism index
# Reindex    | docker-compose exec photoprism photoprism index -a
# Import     | docker-compose exec photoprism photoprism import
# -----
# Note: All commands may have to be prefixed with "sudo" when not running as root.
#       This will change the home directory "~" to "/root" in your configuration.

services:
  photoprism:
    # Use photoprism/photoprism-arm64:preview instead for testing preview builds:
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image: photoprism/photoprism
container_name: photoprism
# Only enable automatic restarts once your installation is properly
# configured as it otherwise may get stuck in a restart loop:
# https://docs.photoprism.org/getting-started/faq/#why-is-photoprism-getting-stuck-in-a-
restart-loop
# restart: unless-stopped
security_opt:
  - seccomp:unconfined
  - apparmor:unconfined
ports:
  - 2342:2342 # [local port]:[container port]
environment:
  PHOTOPRISM_ADMIN_PASSWORD: "insecure" # PLEASE CHANGE: Your initial admin
password (min 4 characters)
  PHOTOPRISM_ORIGINALS_LIMIT: 1000 # File size limit for originals in MB
(increase for high-res video)
  PHOTOPRISM_HTTP_COMPRESSION: "none" # Improves transfer speed and bandwidth
utilization (none or gzip)
  PHOTOPRISM_WORKERS: 2 # Limits the number of indexing workers
to reduce system load
  PHOTOPRISM_DEBUG: "false" # Run in debug mode (shows additional log
messages)
  PHOTOPRISM_PUBLIC: "false" # No authentication required (disables
password protection)
  PHOTOPRISM_READONLY: "false" # Don't modify originals directory
(reduced functionality)
  PHOTOPRISM_EXPERIMENTAL: "false" # Enables experimental features
  PHOTOPRISM_DISABLE_WEBDAV: "false" # Disables built-in WebDAV server
  PHOTOPRISM_DISABLE_SETTINGS: "false" # Disables Settings in Web UI
  PHOTOPRISM_DISABLE_TENSORFLOW: "false" # Disables using TensorFlow for image
classification
  PHOTOPRISM_DARKTABLE_PRESETS: "true" # Enables Darktable presets and disables
concurrent RAW conversion
  # PHOTOPRISM_FFMPEG_ENCODER: "h264_v4l2m2m" # FFmpeg AVC encoder for video
transcoding (default: libx264)
  # PHOTOPRISM_FFMPEG_BUFFERS: "64" # FFmpeg capture buffers (default: 32)
  PHOTOPRISM_DETECT_NSFW: "false" # Flag photos as private that MAY be
offensive
  PHOTOPRISM_UPLOAD_NSFW: "true" # Allow uploads that MAY be offensive
  # PHOTOPRISM_DATABASE_DRIVER: "sqlite" # SQLite is an embedded database that

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doesn't require a server

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    PHOTOPRISM_DATABASE_DRIVER: "mysql"                # Use MariaDB (or MySQL) instead of
SQLite for improved performance
    PHOTOPRISM_DATABASE_SERVER: "mariadb:3306"         # MariaDB database server (hostname:port)
    PHOTOPRISM_DATABASE_NAME: "photoprism"            # MariaDB database schema name
    PHOTOPRISM_DATABASE_USER: "photoprism"            # MariaDB database user name
    PHOTOPRISM_DATABASE_PASSWORD: "insecure"          # MariaDB database user password
    PHOTOPRISM_SITE_URL: "http://localhost:2342/"      # Public PhotoPrism URL
    PHOTOPRISM_SITE_TITLE: "PhotoPrism"
    PHOTOPRISM_SITE_CAPTION: "Browse Your Life"
    PHOTOPRISM_SITE_DESCRIPTION: ""
    PHOTOPRISM_SITE_AUTHOR: ""

# You may optionally set a user / group id using environment variables if your Docker
version or NAS does not

# support this natively (see next example):
# UID: 1000
# GID: 1000
# UMASK: 0000

# Uncomment and edit the following line to set a specific user / group id (native):
# user: "1000:1000"

# For hardware AVC transcoding using the h264_v4l2m2m encoder:
# devices:
# - "/dev/video11:/dev/video11"

volumes:
    # Your photo and video files ([local path]:[container path]):
    - "~/Pictures:/photoprism/originals"

    # Multiple folders can be indexed by mounting them as sub-folders of
/photoprism/originals:
    # - "/mnt/Family:/photoprism/originals/Family"    #
[folder_1]:/photoprism/originals/[folder_1]
    # - "/mnt/Friends:/photoprism/originals/Friends"  #
[folder_2]:/photoprism/originals/[folder_2]

    # Mounting an import folder is optional (see docs):
    # - "~/Import:/photoprism/import"

    # Permanent storage for settings, index & sidecar files (DON'T REMOVE):
    - "./storage:/photoprism/storage"

mariadb:
    image: arm64v8/mariadb:10.5
    container_name: mariadb
    restart: unless-stopped
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security_opt:
  - seccomp:unconfined
  - apparmor:unconfined

command: mysqld --transaction-isolation=READ-COMMITTED --character-set-server=utf8mb4 --
collation-server=utf8mb4_unicode_ci --max-connections=512 --innodb-rollback-on-timeout=OFF --
innodb-lock-wait-timeout=50

volumes: # Don't remove permanent storage for index database files!
  - "./database:/var/lib/mysql"

environment:
  MYSQL_ROOT_PASSWORD: please_change
  MYSQL_DATABASE: photoprism
  MYSQL_USER: photoprism
  MYSQL_PASSWORD: insecure

# Uncomment the following lines to upgrade automatically, whenever there is a new Docker image
available:
#
# watchtower:
#   image: containrrr/watchtower
#   container_name: watchtower
#   restart: unless-stopped
#   environment:
#     WATCHTOWER_CLEANUP: "true"
#     WATCHTOWER_POLL_INTERVAL: 7200 # Checks for updates every two hours
#   volumes:
#     - "/var/run/docker.sock:/var/run/docker.sock"
#     - "~/docker/config.json:/config.json" # Optional, for authentication if you have a
# Docker Hub account
```

Revision #3

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