

paperless-ngx

2025-11-25 paperless-ngx 2.20.0

<https://github.com/paperless-ngx/paperless-ngx/blob/main/docker/compose>

```
services:
  broker:
    image: docker.io/library/redis:8
    restart: unless-stopped
    volumes:
      - redisdata:/data
  db:
    image: docker.io/library/postgres:18
    restart: unless-stopped
    volumes:
      - pgdata:/var/lib/postgresql
    environment:
      POSTGRES_DB: paperless
      POSTGRES_USER: paperless
      POSTGRES_PASSWORD: paperless
  webservice:
    image: ghcr.io/paperless-ngx/paperless-ngx:2.20.0
    restart: unless-stopped
    depends_on:
      - db
      - broker
    ports:
      - "8010:8000"
    volumes:
      - data:/usr/src/paperless/data
      - media:/usr/src/paperless/media
      - export:/usr/src/paperless/export
      - consume:/usr/src/paperless/consume
    env_file: stack.env
```

```
environment:
  PAPERLESS_REDIS: redis://broker:6379
  PAPERLESS_DBHOST: db
```

```
volumes:
  data:
  media:
  export:
  consume:
  pgdata:
  redisdata:
```

.env

```
#####
# Paperless-ngx settings #
#####

# See http://docs.paperless-ngx.com/configuration/ for all available options.

# The UID and GID of the user used to run paperless in the container. Set this
# to your UID and GID on the host so that you have write access to the
# consumption directory.
USERMAP_UID=1000
USERMAP_GID=1000

# See the documentation linked above for all options. A few commonly adjusted settings
# are provided below.

# This is required if you will be exposing Paperless-ngx on a public domain
# (if doing so please consider security measures such as reverse proxy)
PAPERLESS_URL=https://paperless.MEINEDOMAIN.DE

# Adjust this key if you plan to make paperless available publicly. It should
# be a very long sequence of random characters. You don't need to remember it.
PAPERLESS_SECRET_KEY=changeme<zb mit linuxcmd openssl rand -hex 24>

# Use this variable to set a timezone for the Paperless Docker containers. Defaults to UTC.
#PAPERLESS_TIME_ZONE=America/Los_Angeles
PAPERLESS_TIME_ZONE=Europe/Berlin
```

```
# The default language to use for OCR. Set this to the language most of your
# documents are written in.
#PAPERLESS_OCR_LANGUAGE=eng
PAPERLESS_OCR_LANGUAGE=deu

# Additional languages to install for text recognition, separated by a whitespace.
# Note that this is different from PAPERLESS_OCR_LANGUAGE (default=eng), which defines
# the language used for OCR.
# The container installs English, German, Italian, Spanish and French by default.
# See https://packages.debian.org/search?keywords=tesseract-ocr-&searchon=names
# for available languages.
#PAPERLESS_OCR_LANGUAGES=tur ces
PAPERLESS_OCR_LANGUAGES=eng
```

Danach verbinden mit paperless-ai, um ki gestützte Dokumentenprüfung und Tagging mit OpenAI oder Ollama zu erhalten (siehe hier im Wiki 'paperless-ai')

Alt (paperless-ngx v.2.11 oder älter)

```
# docker-compose file for running paperless from the Docker Hub.
# This file contains everything paperless needs to run.
# Paperless supports amd64, arm and arm64 hardware.
#
# All compose files of paperless configure paperless in the following way:
#
# - Paperless is (re)started on system boot, if it was running before shutdown.
# - Docker volumes for storing data are managed by Docker.
# - Folders for importing and exporting files are created in the same directory
#   as this file and mounted to the correct folders inside the container.
# - Paperless listens on port 8010.
#
# In addition to that, this docker-compose file adds the following optional
# configurations:
#
# - Instead of SQLite (default), PostgreSQL is used as the database server.
#
# To install and update paperless with this file, do the following:
```

```
#
# - Open portainer Stacks list and click 'Add stack'
# - Paste the contents of this file and assign a name, e.g. 'Paperless'
# - Click 'Deploy the stack' and wait for it to be deployed
# - Open the list of containers, select paperless_webserver_1
# - Click 'Console' and then 'Connect' to open the command line inside the container
# - Run 'python3 manage.py createsuperuser' to create a user
# - Exit the console
#
# For more extensive installation and update instructions, refer to the
# documentation.

version: "3.4"
services:
  broker:
    image: docker.io/library/redis:7
    restart: unless-stopped
    volumes:
      - redisdata:/data

  db:
    image: docker.io/library/postgres:13
    restart: unless-stopped
    volumes:
      - pgdata:/var/lib/postgresql/data
    environment:
      POSTGRES_DB: paperless
      POSTGRES_USER: paperless
      POSTGRES_PASSWORD: paperless

  webserver:
    image: ghcr.io/paperless-ngx/paperless-ngx:latest
    restart: unless-stopped
    depends_on:
      - db
      - broker
    ports:
      - "8010:8000"
    healthcheck:
      test: ["CMD", "curl", "-fs", "-S", "--max-time", "2", "http://localhost:8000"]
```

```
interval: 30s
timeout: 10s
retries: 5
volumes:
  - data:/usr/src/paperless/data
  - media:/usr/src/paperless/media
  - ./export:/usr/src/paperless/export
  - ./consume:/usr/src/paperless/consume
environment:
  PAPERLESS_REDIS: redis://broker:6379
  PAPERLESS_DBHOST: db
# The UID and GID of the user used to run paperless in the container. Set this
# to your UID and GID on the host so that you have write access to the
# consumption directory.
  USERMAP_UID: 1000
  USERMAP_GID: 100
# Additional languages to install for text recognition, separated by a
# whitespace. Note that this is
# different from PAPERLESS_OCR_LANGUAGE (default=eng), which defines the
# language used for OCR.
# The container installs English, German, Italian, Spanish and French by
# default.
# See https://packages.debian.org/search?keywords=tesseract-ocr-&searchon=names&suite=buster
# for available languages.
  #PAPERLESS_OCR_LANGUAGES: tur ces
# Adjust this key if you plan to make paperless available publicly. It should
# be a very long sequence of random characters. You don't need to remember it.
  #PAPERLESS_SECRET_KEY: change-me
# Use this variable to set a timezone for the Paperless Docker containers. If not specified,
# defaults to UTC.
  PAPERLESS_TIME_ZONE: Europe/Berlin
# The default language to use for OCR. Set this to the language most of your
# documents are written in.
  PAPERLESS_OCR_LANGUAGE: de

volumes:
  data:
  media:
  pgdata:
  redisdata:
```

wie in den Kommentaren geschrieben, muss man im Container einen neuen user anlegen, dafuer in Portainer mit der Shell verbinden und

```
python3 manage.py createsuperuser
```

eingeben.

Als App Paperless mobile benutzen:

<https://github.com/astubenbord/paperless-mobile>

https://play.google.com/store/apps/details?id=de.astubenbord.paperless_mobile

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