

# Immich - A self-hosted Google Photos alternative

## Installation via docker-compose behind traefik proxy

```
version: '2'

networks:
  traefik:
    external: true
  immich_default:
    external: true

volumes:
  immich_server_upload:
    external: true
  immich_postgres_data:
    external: true
  immich_ml_cache:
    external: true
  immich_redis_data:
    external: true

services:
  server:
    image: ghcr.io/immich-app/immich-server:${IMMICH_VERSION}
    command: [ "start.sh", "immich" ]
    volumes:
      - immich_server_upload:/usr/src/app/upload
      - /etc/localtime:/etc/localtime:ro
    environment:
      - DB_HOSTNAME=postgres
      - DB_USERNAME=postgres
      - DB_DATABASE_NAME=immich
      - REDIS_HOSTNAME=redis
```

- DB\_PASSWORD=\${DB\_PASSWORD}

depends\_on:

- redis
- postgres

networks:

- immich\_default
- traefik

restart: unless-stopped

labels:

- "traefik.enable=true"
- "traefik.http.routers.immich.rule=Host(`immich.domain.com`)"
- "traefik.http.routers.immich.entrypoints=websecure"
- "traefik.http.routers.immich.tls=true"
- "traefik.http.services.immich.loadBalancer.server.port=3001"
- "traefik.docker.network=traefik"
- # CORS for duplicate finder
- "traefik.http.routers.immich.middlewares=immich-cors"
- "traefik.http.middlewares.immich-cors.headers.accessControlAllowOriginList=\*"
- "traefik.http.middlewares.immich-cors.headers.accessControlAllowMethods=GET, PUT, POST, DELETE,

OPTIONS"

- "traefik.http.middlewares.immich-cors.headers.accessControlAllowHeaders=X-API-Key, User-Agent,

Content-Type"

- "traefik.http.middlewares.immich-cors.headers.accessControlMaxAge=1728000"

microservices:

image: ghcr.io/immich-app/immich-server:\${IMMICH\_VERSION}

command: [ "start.sh", "microservices" ]

networks:

- immich\_default

volumes:

- immich\_server\_upload:/usr/src/app/upload
- /etc/localtime:/etc/localtime:ro

environment:

- DB\_HOSTNAME=postgres
- DB\_USERNAME=postgres
- DB\_DATABASE\_NAME=immich
- REDIS\_HOSTNAME=redis
- DB\_PASSWORD=\${DB\_PASSWORD}

depends\_on:

- redis
- postgres

```

restart: unless-stopped
machine-learning:
  image: ghcr.io/immich-app/immich-machine-learning:${IMMICH_VERSION}
  volumes:
    - immich_ml_cache:/cache
  networks:
    - immich_default
  environment:
    - DB_HOSTNAME=postgres
    - DB_USERNAME=postgres
    - DB_DATABASE_NAME=immich
    - REDIS_HOSTNAME=redis
    - DB_PASSWORD=${DB_PASSWORD}
restart: unless-stopped
redis:
  image: redis:6.2-
alpine@sha256:c5a607fb6e1bb15d32bbcf14db22787d19e428d59e31a5da67511b49bb0f1ccc
restart: unless-stopped
networks:
  - immich_default
volumes:
  - immich_redis_data:/data
postgres:
  image: tensorchord/pgvecto-rs:pg14-
v0.1.11@sha256:0335a1a22f8c5dd1b697f14f079934f5152eaaa216c09b61e293be285491f8ee
environment:
  POSTGRES_PASSWORD: ${DB_PASSWORD}
  POSTGRES_USER: postgres
  POSTGRES_DB: immich
volumes:
  - immich_postgres_data:/var/lib/postgresql/data
networks:
  - immich_default
restart: unless-stopped

```

## Delete duplicates

- Create duplicates database

```

docker container run --rm --volume immich_server_upload:/upload:ro --volume "$PWD:/output/" \
  ghcr.io/agross/immich-duplicates-findimagedupes --prune \

```

```
--fingerprints /output/dupes.db --recurse --no-compare \  
--exclude '\.webp$' /upload/thumbs/<USERID>
```

- Group duplicates

```
docker container run --rm --volume "$PWD:/app/data/" ghcr.io/agross/immich-duplicates-grouper 5
```

- Launch duplicate browser

```
docker container run --env IMMICH_URL=https://immich.domain.com--rm --publish 2222:80  
ghcr.io/agross/immich-duplicates-browser
```

---

Revision #2

Created 31 January 2024 13:15:37 by Andreas Greiner

Updated 31 January 2024 13:19:18 by Andreas Greiner