

Blockfrost

[Blockfrost.io](#) is [an API service](#) providing abstraction between you and Cardano blockchain data, taking away the burden of complexity to focus on what really matters. Blockchain data are queried from [cardano-db-sync](#)

Blockfrost Docker image version: <https://github.com/blockfrost/blockfrost-backend-ryo/pkgs/container/blockfrost-backend-ryo>

This is how to setup Blockfrost connect to Postgres DB synx of Cardano blockchain via Docker

```
services:
  blockfrost:
    image: blockfrost/backend-ryo:latest
    ports:
      - "3000:3000"
    environment:
      - NODE_ENV=development
      - BLOCKFROST_CONFIG_SERVER_LISTEN_ADDRESS=0.0.0.0
      - BLOCKFROST_CONFIG_SERVER_PORT=3000
      - BLOCKFROST_CONFIG_SERVER_DEBUG=true
      - BLOCKFROST_CONFIG_SERVER_PROMETHEUS_METRICS=false
      - BLOCKFROST_CONFIG_DBSYNC_HOST=postgres
      - BLOCKFROST_CONFIG_DBSYNC_USER=/run/secrets/postgres_user
      - BLOCKFROST_CONFIG_DBSYNC_PORT=5432
      - BLOCKFROST_CONFIG_DBSYNC_DATABASE=/run/secrets/postgres_db
      - BLOCKFROST_CONFIG_DBSYNC_PASSWORD=/run/secrets/postgres_password
      - BLOCKFROST_CONFIG_DBSYNC_MAX_CONN=10
      - BLOCKFROST_CONFIG_NETWORK=preview

secrets:
  postgres_db:
    file: ./config/secrets/postgres_db
  postgres_password:
    file: ./config/secrets/postgres_password
  postgres_user:
    file: ./config/secrets/postgres_user
```