Communication Between Docker Containers

User-defined bridge network

You can create custom, user-defined networks, and connect multiple containers to the same network. Once connected to a user-defined network, containers can communicate with each other using container IP addresses or container names.

1. Create the alpine-net network.
   1. “docker network create alpine-net” (alpine-net can be whatever you want the network name to be)
   2. A screenshot of a computer

      AI-generated content may be incorrect.
2. Run both containers on the network
   1. docker run -dit --name container1 --network my-net alpine
   2. docker run -dit --name container2 --network my-net alpine
3. Exec into container 1
   1. docker exec -it container1 sh
4. “ ping container2”
   1. A success message will appear if the containers successfully communicated

Links

These links have step by step instructions in detail.

<https://docs.docker.com/engine/network/tutorials/standalone/>

https://docs.docker.com/engine/network/