Connect to redis with docker :  
Windows PowerShell

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PS C:\Users\boual> docker run --name redis -d -p 6379:6379 redis

Unable to find image 'redis:latest' locally

latest: Pulling from library/redis

056ff5d77b71: Download complete

4f4fb700ef54: Already exists

d6c5e428cfd7: Download complete

fc690ecf94f9: Download complete

7cf63256a31a: Download complete

40836d0aa8f0: Download complete

a37a0a824c7e: Download complete

c8c62be273bb: Download complete

Digest: sha256:6aafb7f25fc93c4ff74e99cff8e85899f03901bc96e61ba12cd3c39e95503c73

Status: Downloaded newer image for redis:latest

ef27ad89cfcf66594976f9d8fb0b21df71d9f4d6428ddefd74b0bbe387576d7c

PS C:\Users\boual> docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

ef27ad89cfcf redis "docker-entrypoint.s…" 3 minutes ago Up 3 minutes 0.0.0.0:6379->6379/tcp redis

PS C:\Users\boual>^C

PS C:\Users\boual> docker inspect -f '{{range .NetworkSettings.Networks}}{{.IPAddress}}{{end}}' ef27ad89cfcf

172.17.0.2

PS C:\Users\boual>