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ME8 Activity 06

Running and Managing Docker Containers and Images

For all Activities, I basically followed the instructions on the provided GitHub tutorial. Screenshots are shown below. The captions describe each image.



Figure 1. Inspecting the virtual network devices on Docker

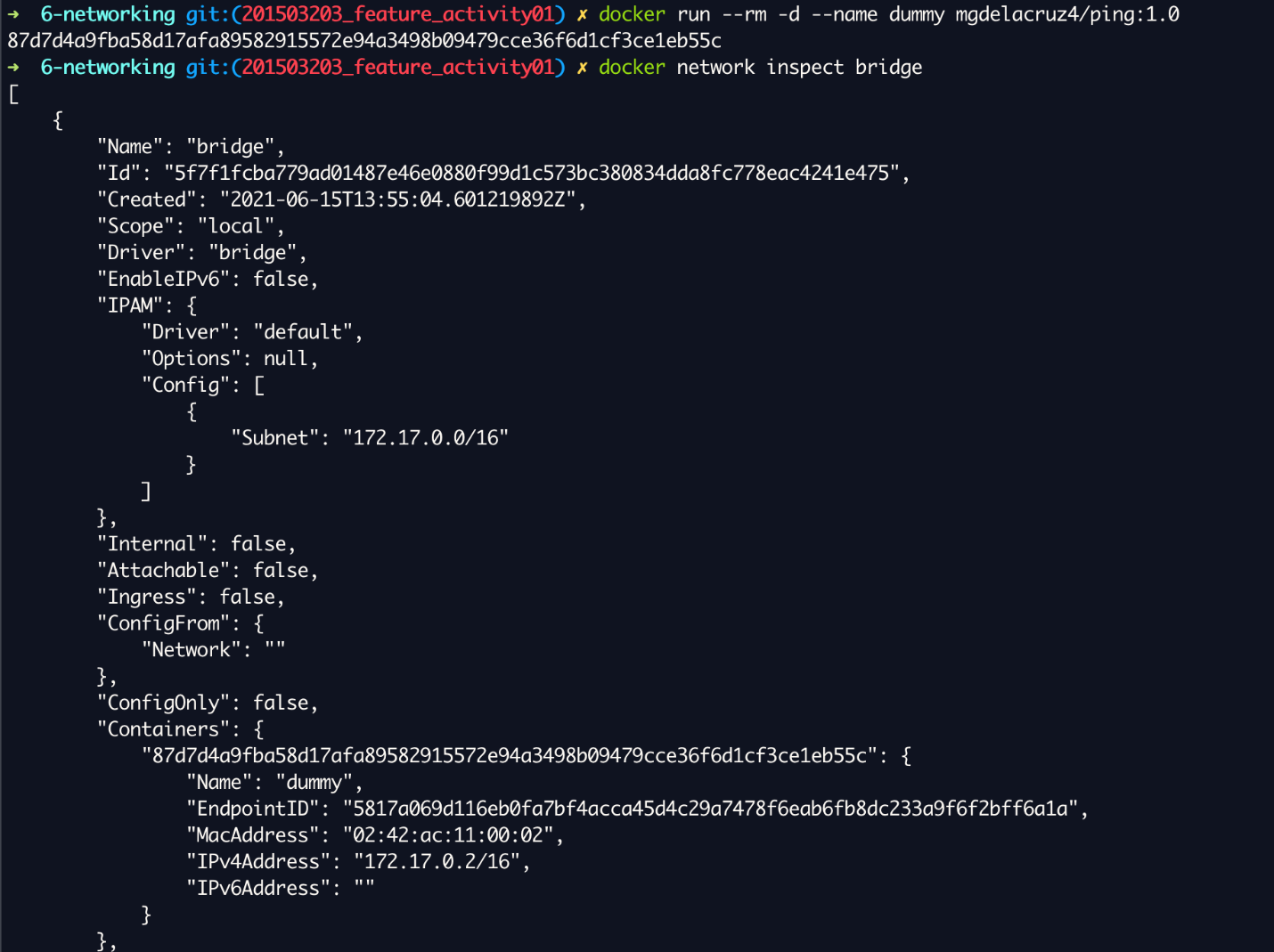


Figure 2. Seeing that the dummy container is using the bridge interface

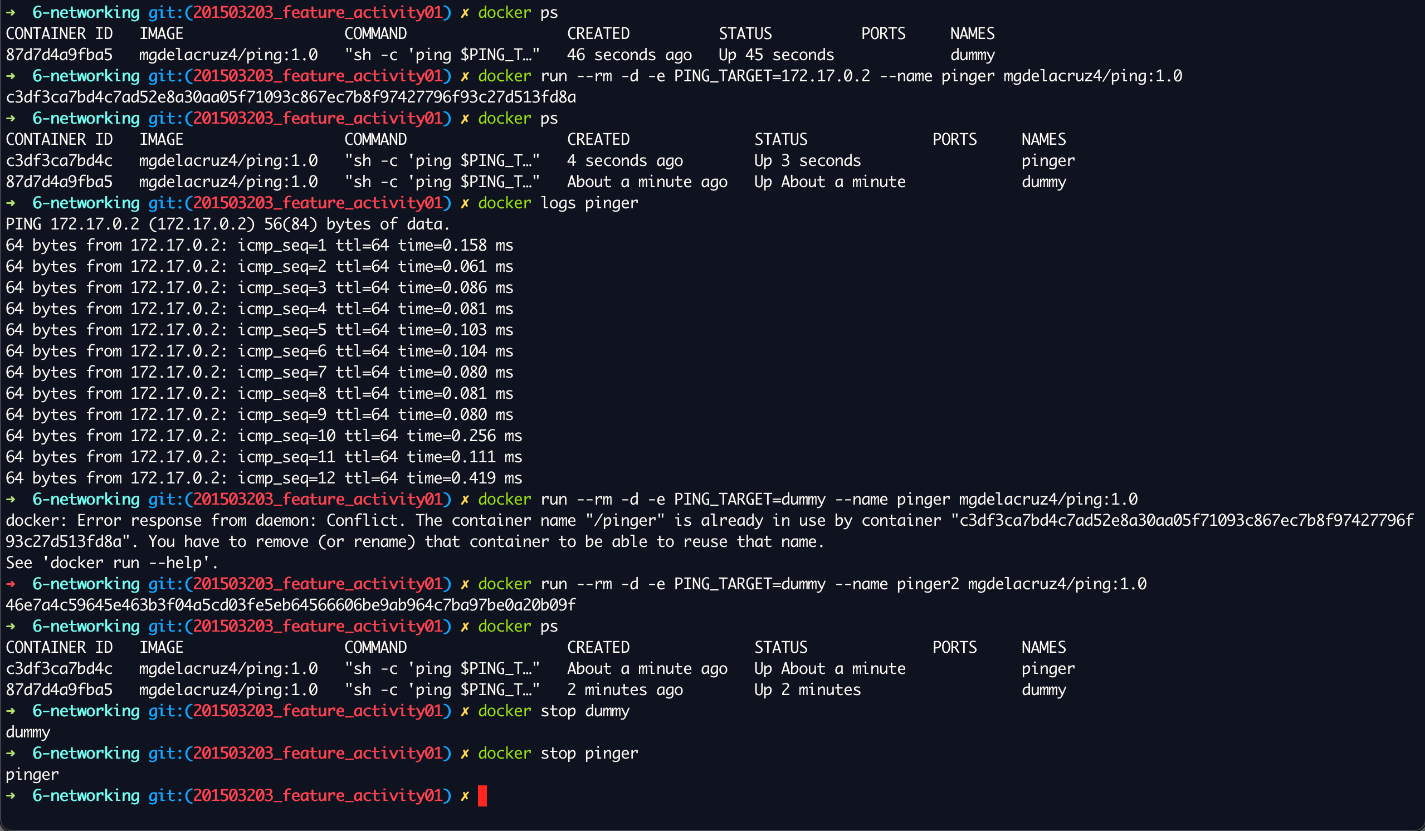


Figure 3. Pinger failing due to restrictions on default network devices



Figure 4. Creating a custom virtual network device/interface

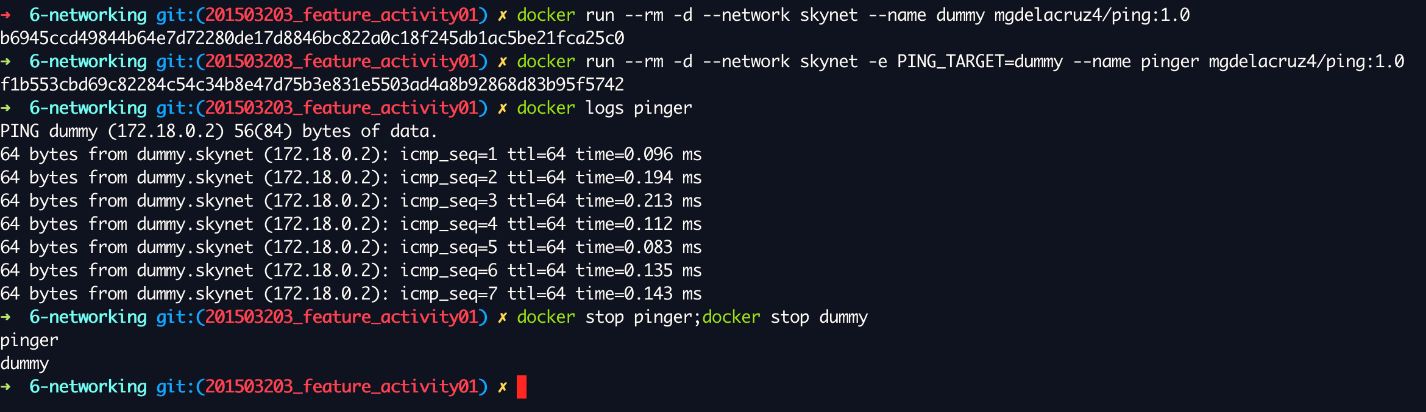


Figure 5. The two containers can now send pings to each other

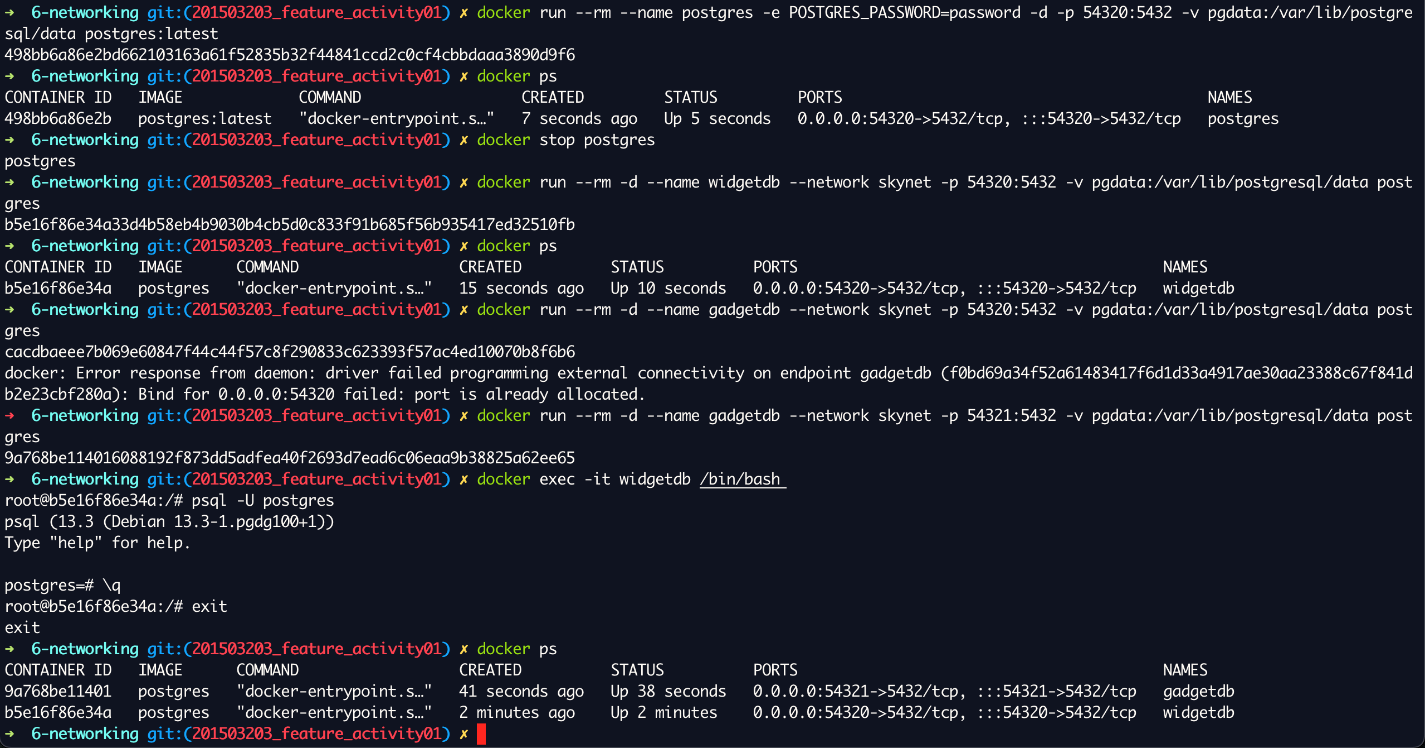


Figure 6. Setting up postgreSQL containers



Figure 7. Checking functionality and connectivity of the two postgre containers

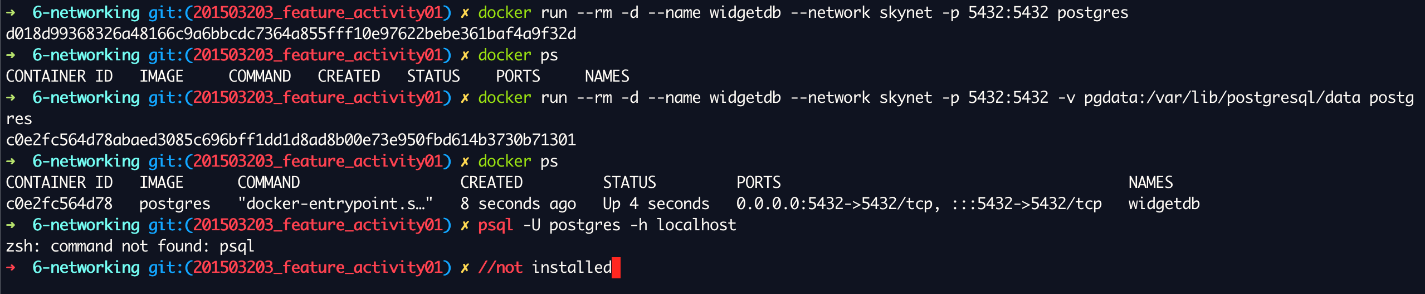


Figure 8. Trying to connect to the outside world. It would work if I have postgreSQL installed