Docker

Thursday, December 2, 2021   7:18 AM

Install Windows Subsystem for Linux (WSL)

https://docs.microsoft.com/en-us/windows/wsl/install

Change from WSL 1 to WSL 2

https://ericsysmin.com/2019/07/13/converting-wsl-1-operating-systems-to-wsl-2-on-windows/

Install Docker Desktop on Windows

https://docs.docker.com/desktop/windows/install/

How to test the base ubuntu image
Run the Ubuntu image and redirect stdin to command prompt and start the image with bash
>>> docker run -it --entrypoint "/bin/bash" ubuntu:22.04

Common docker commands
Build the docker image with a tag name
>>> docker build -t <tag name> <dir>
>>> docker build -t test .
Run a tag named image and give the container a name
>>> docker run --name <container name> <image tag name>
>>> docker run --name named_process test
List available images
>>> docker image ls
List available containers
>>> docker ps -a