Unit-1 Docker Practice

Run MongoDB container:

1️⃣ Example 1 :

Windows PowerShell

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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\sr302> docker run -d --name DB-app -p 80:8082 mongo

Unable to find image 'mongo:latest' locally

latest: Pulling from library/mongo

8d23bbf2b216: Pull complete

e46eb2190ffc: Pull complete

01d7766a2e4a: Pull complete

cea2e6a72e6b: Pull complete

e79e499203c9: Pull complete

fbfd783f7a59: Pull complete

f97b55066391: Pull complete

427c118b2079: Pull complete

4eeb70347fbd: Download complete

bae1425230be: Download complete

Digest: sha256:474f5c3bf0e355bb97dafda730e725169a4d51c5578abf7be9ec7ad3fdee4481

Status: Downloaded newer image for mongo:latest

8b3f40ea41f8aa315c38ed8cfdafdbaea430afa7c4f6b55c4566900ea13e7993

PS C:\Users\sr302> docker run -it --name my_app -e APP_ENV=production -v C:\app\data:/data my_image bash

Unable to find image 'my_image:latest' locally

docker: Error response from daemon: pull access denied for my_image, repository does not exist or may require 'docker login'

Run 'docker run --help' for more information

PS C:\Users\sr302> ^C

PS C:\Users\sr302>docker run -it --name my_app -e APP_ENV=production -v C:\app\data:/data ubuntu bash

root@6c972dfb3589:/# echo $APP_ENV

production

root@6c972dfb3589:/#cd /data

root@6c972dfb3589:/data# echo "Hello Docker Volume" > test.txt

root@6c972dfb3589:/data#exit

exit

PS C:\Users\sr302>