

Assignment 2-B

Name – Darshan Gohad

Roll no – 33232

Subject - WADL

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Activities Terminal
jan 29 11:50 AM
darshan@darshan-hppavilionlaptop14dv0xxx~

$ sudo pacman -S docker
[sudo] password for darshan:
resolving dependencies...
looking for conflicting packages...

Packages (4) bridge-utils-1.7.1-1 containerd-1.7.11-1 runc-1.1.11-1
docker-1:24.0.7-1
Total Download Size: 56.14 MiB
Total Installed Size: 233.39 MiB

:: Proceed with installation? [Y/n] y
:: Retrieving packages...
docker-1:24.0.7-1... 20.8 MiB 748 KiB/s 00:37 [#####] 100%
containerd-1.7.11-1... 26.4 MiB 2.35 MiB/s 00:11 [#####] 100%
runc-1.1.11-1-x86_64... 3.0 MiB 1037 KiB/s 00:03 [#####] 100%
bridge-utils-1.7... 16.6 KiB 54.1 KiB/s 00:00 [#####] 100%
Total (4/4) 56.1 MiB 1107 KiB/s 00:52 [#####] 100%
(4/4) checking keys in keyring [#####] 100%
(4/4) checking package integrity [#####] 100%
(4/4) loading package files [#####] 100%
(4/4) checking for file conflicts [#####] 100%
(4/4) checking available disk space [#####] 100%
:: Processing package changes...
(1/4) installing bridge-utils [#####] 100%
(2/4) installing runc [#####] 100%
Optional dependencies for runc
crui: checkpoint support [#####] 100%
(3/4) installing containerd [#####] 100%
(4/4) installing docker [#####] 100%
Optional dependencies for docker
btrfs-progs: btrfs backend support [installed]
pigz: parallel gzip compressor support
docker-scan: vulnerability scanner
docker-buildx: extended build capabilities
:: Running post-transaction hooks...
(1/4) Creating system user accounts...
Creating group 'docker' with GID 956.
(2/4) Reloading system manager configuration...
(3/4) Reloading device manager configuration...
(4/4) Arming ConditionNeedsUpdate...
$ sudo systemctl start docker.service
$ sudo systemctl enable docker.service
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service - /usr/lib/systemd/system/docker.service.
$ sudo docker version
Client:
Version: 24.0.7
API version: 1.43
Go version: go1.21.3
Git commit: afdd53b4e3
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$ sudo docker info
Client:
Version: 24.0.7
Context: default
Debug Mode: false

Server:
Containers: 0
Running: 0
Paused: 0
Stopped: 0
Images: 0
Server Version: 24.0.7
Storage Driver: overlay2
Backing Filesystem: extfs
Supports dType: true
Using metacopy: true
Native Overlay Diff: false
userxattr: false
Logging Driver: json-file
Cgroup Driver: systemd
Cgroup Version: 2
Plugins:
Volume: local
Networks: bridge host ipvlan macvlan null overlay
Log: awlogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
Swarm: inactive
Runtimes: io.containerd.runc.v2 runc
Default Runtime: runc
Init binary: docker-init
containerd version: 64bb811b07ba6288238eefc14d898ee0b5b99ba.m
runc version:
init version: de40ad0
Security Options:
apparmor
seccomp
Profile: builtin
cgroups
Kernel Version: 6.1.53-1-MANJARO
Operating System: Manjaro Linux
OSType: linux
Architecture: x86_64
CPU: 0
Total Memory: 15.39GiB
Name: darshan-hppavilionlaptop14dv0xxx
ID: 5ab8e6bd-014c-41ce-8cc4-a109b8347e02
Docker Root Dir: /var/lib/docker
Debug Modes: false
Experimental: false
Insecure Registries:
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Activities Terminal Jan 29 11:50 AM
Screenshot captured
You can paste the image from the clipboard.

cgroups
Kernel Version: 6.1.53-1-MANJARO
Operating System: Manjaro Linux
OSType: linux
Architecture: x86_64
CPUs: 8
Total Memory: 15.39GiB
Name: darshan-hppavilionlaptop14dv8xxx
ID: 5ab8e6bd-014c-41ce-8cc4-a109b8347e62
Docker Root Dir: /var/lib/docker
Debug Mode: false
Experimental: false
Insecure Registries:
  127.0.0.0/8
Live Restore Enabled: false

$ docker run hello-world
Docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://h2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.

$ docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
c1ec31eb5944: Pull complete
Digest: sha256:4bd78111b6914a99dbc560e6a20eab57fff6655aea4a80c58b0c5491968cbc2e6
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

$
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