

Setup of Docsify using podman

Step:1 Open Terminal in Ubuntu by pressing Ctrl+alt+t button combinations.

```
Ctrl+Alt+t
```

Step :2 comman for update and upgrade.

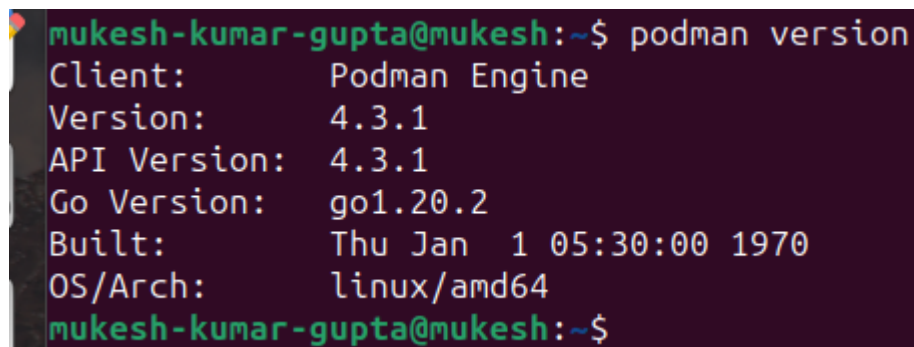
```
sudo apt update && sudo apt upgrade -y
```

Step :3 Command for installing Podman.

```
sudo apt install podman
```

Step :4 Command for check podman version.

```
podman version
```

A terminal window with a dark purple background. The prompt is 'mukesh-kumar-gupta@mukesh:~\$'. The command 'podman version' has been executed, and the output is displayed in a light green monospace font. The output shows details about the Podman Client, Engine, Version (4.3.1), API Version (4.3.1), Go Version (go1.20.2), Build date (Thu Jan 1 05:30:00 1970), and OS/Arch (linux/amd64).

```
mukesh-kumar-gupta@mukesh:~$ podman version
Client:      Podman Engine
Version:     4.3.1
API Version: 4.3.1
Go Version:  go1.20.2
Built:       Thu Jan  1 05:30:00 1970
OS/Arch:     linux/amd64
mukesh-kumar-gupta@mukesh:~$
```

Step:5 Command for check podman Status.

```
systemctl status podman
```

```
podman restart service
mukesh-kumar-gupta@mukesh:~$ systemctl status podman.service
○ podman.service - Podman API Service
   Loaded: loaded (/lib/systemd/system/podman.service; enabled; preset: enabled)
   Active: inactive (dead) since Mon 2023-09-18 09:53:17 IST; 5h 15min ago
     Duration: 21.123s
   TriggeredBy: ● podman.socket
      Docs: man:podman-system-service(1)
   Process: 880 ExecStart=/usr/bin/podman $LOGGING system service (code=exited, status=0/SUCCESS)
    Main PID: 880 (code=exited, status=0/SUCCESS)
       CPU: 329ms

Sep 18 09:52:56 mukesh systemd[1]: Starting podman.service - Podman API Service.
Sep 18 09:52:56 mukesh systemd[1]: Started podman.service - Podman API Service.
Sep 18 09:53:04 mukesh podman[880]: time="2023-09-18T09:53:04+05:30" level=info>
Sep 18 09:53:09 mukesh podman[880]: time="2023-09-18T09:53:09+05:30" level=info>
Sep 18 09:53:12 mukesh podman[880]: 2023-09-18 09:53:12.321786291 +0530 IST m=+>
Sep 18 09:53:12 mukesh podman[880]: time="2023-09-18T09:53:12+05:30" level=info>
Sep 18 09:53:12 mukesh podman[880]: time="2023-09-18T09:53:12+05:30" level=info>
Sep 18 09:53:12 mukesh podman[880]: time="2023-09-18T09:53:12+05:30" level=info>
Sep 18 09:53:17 mukesh systemd[1]: podman.service: Deactivated successfully.
mukesh-kumar-gupta@mukesh:~$ podman version
```

Step:6 Create a new directory using command mkdir.

```
mkdir docs
```

```
mukesh-kumar-gupta@mukesh:~$ mkdir docs
```

Step:7 go to inside the directory.

```
cd docs
```

```
mukesh-kumar-gupta@mukesh:~$ cd docs
mukesh-kumar-gupta@mukesh:~/docs$ touch README.md
```

Step:8
Command for Create File.

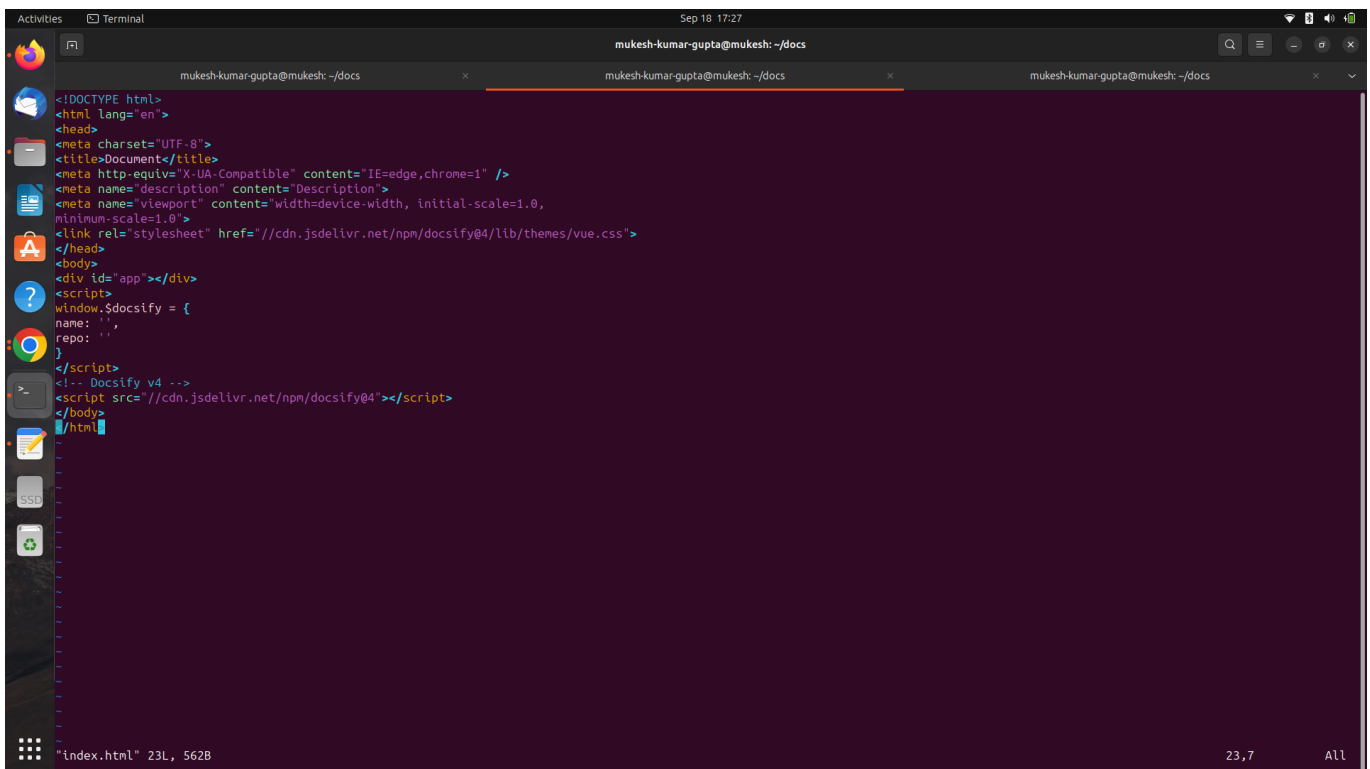
```
touch README.md
touch index.html
touch Dockerfile
```

```
mukesh-kumar-gupta@mukesh:~/docs$ touch README.md
mukesh-kumar-gupta@mukesh:~/docs$ ls
README.md
mukesh-kumar-gupta@mukesh:~/docs$
mukesh-kumar-gupta@mukesh:~/docs$ touch index.html
mukesh-kumar-gupta@mukesh:~/docs$ ls
index.html  README.md
mukesh-kumar-gupta@mukesh:~/docs$ touch Dockerfile
mukesh-kumar-gupta@mukesh:~/docs$
mukesh-kumar-gupta@mukesh:~/docs$
mukesh-kumar-gupta@mukesh:~/docs$ ls
Dockerfile  index.html  README.md
mukesh-kumar-gupta@mukesh:~/docs$
mukesh-kumar-gupta@mukesh:~/docs$
```

Step:9 Command

for html text Editor file Open.

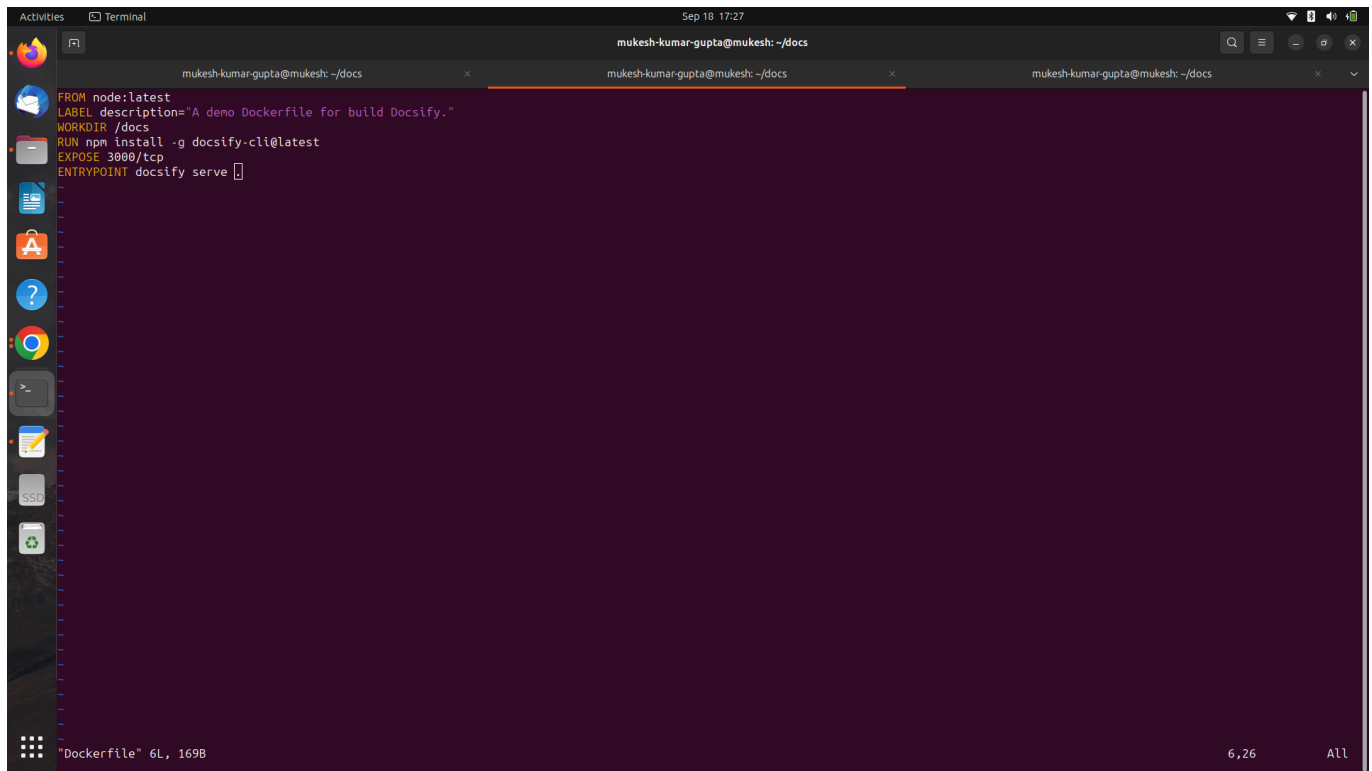
```
vim index.html
```



```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Document</title>
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />
<meta name="description" content="Description">
<meta name="viewport" content="width=device-width, initial-scale=1.0,
minimum-scale=1.0">
<link rel="stylesheet" href="//cdn.jsdelivr.net/npm/docsify@4/lib/themes/vue.css">
</head>
<body>
<div id="app"></div>
<script>
window.$docify = {
  name: '',
  repo: ''
}
</script>
<!-- Doclify v4 -->
<script src="//cdn.jsdelivr.net/npm/docsify@4"></script>
</body>
</html>
```

Step:10 Command for Dockerfile open.

```
vim Dockerfile
```

A screenshot of a terminal window on a Linux desktop. The terminal title bar shows 'mukesh-kumar-gupta@mukesh: ~/docs'. The terminal content displays a Dockerfile with the following instructions: FROM node:latest, LABEL description="A deno Dockerfile for build Docsify.", WORKDIR /docs, RUN npm install -g docsify-cli@latest, EXPOSE 3000/tcp, and ENTRYPOINT docsify serve. The desktop background is dark purple, and the left sidebar shows various application icons. At the bottom of the terminal window, a status bar indicates '"Dockerfile" 6L, 169B' on the left, '6,26' in the center, and 'All' on the right.

```
FROM node:latest
LABEL description="A deno Dockerfile for build Docsify."
WORKDIR /docs
RUN npm install -g docsify-cli@latest
EXPOSE 3000/tcp
ENTRYPOINT docsify serve
```

Step:11 Command for podman build on docsify.

```
podman build -f Dockerfile -t docsify/demo images.
```

```

mukesh-kumar-gupta@mukesh:~/docs$ podman build -f Dockerfile -t docsify/demo .
STEP 1/6: FROM node:latest
Resolved "node" as an alias (/etc/containers/registries.conf.d/shortnames.conf)
Trying to pull docker.io/library/node:latest...
Getting image source signatures
Copying blob 2138282ff175 done
Copying blob 00046d1e755e done
Copying blob 012c0b3e998c done
Copying blob 95103e803d28 done
Copying blob e13e76ad6279 done
Copying blob 9f13f5a53d11 done
Copying blob 4f9fde731574 done
Copying blob 562365e2a70f done
Copying config af422ffafa done
Writing manifest to image destination
Storing signatures
STEP 2/6: LABEL description="A demo Dockerfile for build Docsify."
--> 028e5637e88
STEP 3/6: WORKDIR /docs
--> cd2e1d3af0a
STEP 4/6: RUN npm install -g docsify-cli@latest

added 204 packages in 13s

16 packages are looking for funding
  run `npm fund` for details
npm notice
npm notice New major version of npm available! 9.8.1 -> 10.1.0
npm notice Changelog: <https://github.com/npm/cli/releases/tag/v10.1.0>
npm notice Run `npm install -g npm@10.1.0` to update!
npm notice
--> 754e5696ee5
STEP 5/6: EXPOSE 3000/tcp
--> e165c3ed93f
STEP 6/6: ENTRYPOINT docsify serve .
COMMIT docsify/demo
--> 18d3c593629
Successfully tagged localhost/docsify/demo:latest
18d3c59362969bedf8d19bf68ff9b9c8203cf2bd07bcabc26a22fcef126fdeae

```

Step:12 Command to images

```
podman images
```

```

mukesh-kumar-gupta@mukesh:~/docs$ podman images
REPOSITORY          TAG          IMAGE ID       CREATED        SIZE
localhost/docsify/demo  latest      18d3c5936296   30 minutes ago  1.15 GB
localhost/podman-pause  4.3.1-0     69192d11b64b   About an hour ago  835 kB
docker.io/library/node  latest      af422ffafa37   6 days ago    1.12 GB
mukesh-kumar-gupta@mukesh:~/docs$
mukesh-kumar-gupta@mukesh:~/docs$

```

Step:13 Command for run the docsify container.

```
podman run -itp 3001:3000 --name docsify -v /home/mukesh-kumar-gupta/docs:/docs docsify demo
```

```
mukesh-kumar-gupta@mukesh:~/docs$  
mukesh-kumar-gupta@mukesh:~/docs$  
mukesh-kumar-gupta@mukesh:~/docs$ podman run -itp 3001:3000 --name=docsify1 -v /home/mukesh-kumar-gupta/docs:/docs docsify/demo  
  
Serving /docs now.  
Listening at http://localhost:3000  
  
█
```

Step:14 Command to see the running container.

```
podman ps
```

```
mukesh-kumar-gupta@mukesh:~/docs$ podman ps  
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS                               NAMES  
fbc05e6eec90   localhost/docsify/demo:latest      podman run -itp 3001:3000 --name=docsify1 -v /home/mukesh-kumar-gupta/docs:/docs docsify/demo 20 minutes ago Up 20 minutes ago 0.0.0.0:3001->3000/tcp docsify1  
mukesh-kumar-gupta@mukesh:~/docs$ █
```

Step:15 Run the docsify on browser.

```
http://localhost:3001:3000
```

