



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'podman-image-mount.1' command

\$ man podman-image-mount.1

podman-image-mount(1) General Commands Manual podman-image-mount(1)

NAME

podman-image-mount - Mount an image's root filesystem

SYNOPSIS

podman image mount [options] [image ...]

DESCRIPTION

Mounts the specified images' root file system in a location which can be accessed from the host, and returns its location.

The podman image mount command without any arguments lists all of the currently mounted images.

Rootless mode only supports mounting VFS driver, unless podman is run in a user namespace. Use the podman unshare command to enter the user namespace. All other storage drivers will fail to mount.

RETURN VALUE

The location of the mounted file system. On error an empty string and errno is returned.

OPTIONS

--all, -a

Mount all images.

--format=format

Print the mounted images in specified format (json).

EXAMPLE

podman image mount fedora ubi8-init

/var/lib/containers/storage/overlay/f3ac502d97b5681989dff84dfedc8354239bcecbdc2692f9a639f4e080a02364/merged

/var/lib/containers/storage/overlay/0ff7d7ca68bed1ace424f9df154d2dd7b5a125c19d887f17653cbcd5b6e30ba1/merged

podman mount

registry.fedoraproject.org/fedora:latest

/var/lib/containers/storage/overlay/f3ac502d97b5681989dff84dfedc8354239bcecbdc2692f9a639f4e080a02364/merged

registry.access.redhat.com/ubi8-init:latest

/var/lib/containers/storage/overlay/0ff7d7ca68bed1ace424f9df154d2dd7b5a125c19d887f17653cbcd5b6e30ba1/merged

podman image mount --format json

```
[
{
  "id": "00ff39a8bf19f810a7e641f7eb3ddc47635913a19c4996debd91fafb6b379069",
  "Names": [
    "sha256:58de585a231aca14a511347bc85b912a6f000159b49bc2b0582032911e5d3a6c"
  ],
  "Repositories": [
    "registry.fedoraproject.org/fedora:latest"
  ],
```

"mountpoint":

"/var/lib/containers/storage/overlay/0ccfac04663bbe8813b5f24502ee0b7371ce5bf3c5adeb12e4258d191c2cf7bc/merged"

```
},
{
  "id": "bcc2dc9a261774ad25a15e07bb515f9b77424266abf2a1252ec7bcfed1dd0ac2",
  "Names": [
    "sha256:d5f260b2e51b3ee9d05de1c31d261efc9af28e7d2d47cedf054c496d71424d63"
  ],
  "Repositories": [
    "registry.access.redhat.com/ubi8-init:latest"
  ],
```

"mountpoint":

"/var/lib/containers/storage/overlay/d66b58e3391ea8ce4c81316c72e22b332618f2a28b461a32ed673e8998cdaeb8/merged"

```
}
```

]

SEE ALSO

podman(1), podman-image(1), podman-image-unmount(1), podman-unshare(1),
mount(8)

podman-image-mount(1)