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Rocky Enterprise Linux 9.2 Manual Pages on command 'podman-images.1'

\$ man podman-images.1

podman-images(1()) podman-images(1())

NAME

podman-images - List images in local storage

SYNOPSIS

podman images [options]

podman image list [options]

podman image ls [options]

DESCRIPTION

Displays locally stored images, their names, and their IDs.

OPTIONS

--all, -a

Show all images (by default filter out the intermediate image layers). The default is false.

--digests

Show image digests

--filter=filter, -f

Filter output based on conditions provided

Filters:

since=IMAGE

Filter on images created after the given IMAGE (name or tag).

before=IMAGE

Filter on images created before the given IMAGE (name or tag).

dangling=true|false

Show dangling images. Dangling images are a file system layer that was used in a previous build of an image and is no longer referenced by any image. They are denoted with the <none> tag, consume disk space and serve no active purpose.

label

Filter by images labels key and/or value.

readonly=true|false

Show only read only images or Read/Write images. The default is to show both. Read/Only images can be configured by modifying the "additionalimagestores" in the /etc/containers/storage.conf file.

reference=

Filter by image name, specified as regular expressions.

--format=format

Change the default output format. This can be of a supported type like 'json' or a Go template. Valid placeholders for the Go template are listed below:

??

?Placeholder ? Description ?

??

?ID ? Image ID ?

??

?Repository ? Image repository ?

??

?Tag ? Image tag ?

??

?Digest ? Image digest ?

??

?CreatedSince ? Elapsed time since the image was ?

? ? created ?

? ? ?

??

?CreatedAt ? Time when the image was created ?

??

?Size ? Size of layer on disk ?

??

?History ? History of the image layer ?

??

--history

Display the history of image names. If an image gets re-tagged or untagged, then the image name history gets prepended (latest image first). This is especially useful when doing a tag operation or an image does not contain any name because it has been untagged.

--noheading, -n

Omit the table headings from the listing of images.

--no-trunc

Do not truncate output.

--quiet, -q

Lists only the image IDs.

--sort=sort

Sort by created, id, repository, size or tag (default: created)

EXAMPLE

podman images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
docker.io/kubernetes/pause	latest	e3d42bcaf643	3 years ago	251 kB
<none>	<none>	ebb91b73692b	4 weeks ago	27.2 MB
docker.io/library/ubuntu	latest	4526339ae51c	6 weeks ago	126 MB

podman images --quiet

e3d42bcaf643
ebb91b73692b
4526339ae51c

podman images --noheading

docker.io/kubernetes/pause	latest	e3d42bcaf643	3 years ago	251 kB
<none>	<none>	ebb91b73692b	4 weeks ago	27.2 MB
docker.io/library/ubuntu	latest	4526339ae51c	6 weeks ago	126 MB

podman images --no-trunc

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
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docker.io/kubernetes/pause latest

<none>

<none>

sha256:ebb91b73692bd27890685846412ae338d13552165eacf7fcd5f139bfa9c2d6d9 4 weeks ago 27.2 MB

docker.io/library/ubuntu

latest

sha256:4526339ae51c3cdc97956a7a961c193c39dfc6bd9733b0d762a36c6881b5583a 6 weeks ago 126 MB

```
# podman images --format "table {{.ID}} {{.Repository}} {{.Tag}}"
```

IMAGE ID	REPOSITORY	TAG
e3d42bcaf643	docker.io/kubernetes/pause	latest
ebb91b73692b	<none>	<none>
4526339ae51c	docker.io/library/ubuntu	latest

```
# podman images --filter dangling=true
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
<none>	<none>	ebb91b73692b	4 weeks ago	27.2 MB

```
# podman images --format json
```

```
[
  {
    "id": "e3d42bcaf643097dd1bb0385658ae8cbe100a80f773555c44690d22c25d16b27",
    "names": [
      "docker.io/kubernetes/pause:latest"
    ],
    "digest": "sha256:0aecf73ff86844324847883f2e916d3f6984c5fae3c2f23e91d66f549fe7d423",
    "created": "2014-07-19T07:02:32.267701596Z",
    "size": 250665
  },
  {
    "id": "ebb91b73692bd27890685846412ae338d13552165eacf7fcd5f139bfa9c2d6d9",
    "names": [
      "\u003cnone\u003e"
    ],
    "digest": "sha256:ba7e4091d27e8114a205003ca6a768905c3395d961624a2c78873d9526461032",
    "created": "2017-10-26T03:07:22.796184288Z",
    "size": 27170520
  },
  {

```

```

    "id": "4526339ae51c3cdc97956a7a961c193c39dfc6bd9733b0d762a36c6881b5583a",
    "names": [
        "docker.io/library/ubuntu:latest"
    ],
    "digest": "sha256:193f7734ddd68e0fb24ba9af8c2b673aecb0227b026871f8e932dab45add7753",
    "created": "2017-10-10T20:59:05.10196344Z",
    "size": 126085200
}
]

```

podman images --sort repository

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
<none>	<none>	2460217d76fc	About a minute ago	4.41 MB
docker.io/library/alpine	latest	3fd9065eaf02	5 months ago	4.41 MB
localhost/myapp	latest	b2e0ad03474a	About a minute ago	4.41 MB
registry.access.redhat.com/rhel7	latest	7a840db7f020	2 weeks ago	211 MB
registry.fedoraproject.org/fedora	27	801894bc0e43	6 weeks ago	246 MB

podman images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
localhost/test	latest	18f0c080cd72	4 seconds ago	4.42 MB
docker.io/library/alpine	latest	3fd9065eaf02	5 months ago	4.41 MB

podman images -a

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
localhost/test	latest	18f0c080cd72	6 seconds ago	4.42 MB
<none>	<none>	270e70dc54c0	7 seconds ago	4.42 MB
<none>	<none>	4ed6fbe43414	8 seconds ago	4.41 MB
<none>	<none>	6b0df8e71508	8 seconds ago	4.41 MB
docker.io/library/alpine	latest	3fd9065eaf02	5 months ago	4.41 MB

SEE ALSO

podman(1), containers-storage.conf(5)

HISTORY

March 2017, Originally compiled by Dan Walsh <dwalsh@redhat.com>

podman-images(1)()