



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

\$ man podman-import.1

podman-import(1) General Commands Manual podman-import(1)

NAME

podman-import - Import a tarball and save it as a filesystem image

SYNOPSIS

podman import [options] path [reference]

podman image import [options] path [reference]

DESCRIPTION

podman import imports a tarball (.tar, .tar.gz, .tgz, .bzip, .tar.xz, .txz) and saves it as a filesystem image. Remote tarballs can be specified using a URL. Various image instructions can be configured with the --change flag and a commit message can be set using the --message flag. reference, if present, is a tag to assign to the image. podman import is used for importing from the archive generated by podman export, that includes the container's filesystem. To import the archive of image layers created by podman save, use podman load. Note: : is a restricted character and cannot be part of the file name.

OPTIONS

--arch

Set architecture of the imported image.

--change, -c=instruction

Apply the following possible instructions to the created image: CMD |

ENTRYPOINT | ENV | EXPOSE | LABEL | STOPSIGNAL | USER | VOLUME |

WORKDIR

Can be set multiple times

--help, -h

Print usage statement

--message, -m=message

Set commit message for imported image

--os

Set OS of the imported image.

--quiet, -q

Shows progress on the import

--variant

Set variant of the imported image.

EXAMPLES

```
$ podman import --change CMD=/bin/bash --change ENTRYPOINT=/bin/sh --change LABEL=blue=image ctr.tar
```

image-imported

Getting image source signatures

Copying blob sha256:b41deda5a2feb1f03a5c1bb38c598cbc12c9ccd675f438edc6acd815f7585b86

25.80 MB / 25.80 MB [=====] 0s

Copying config sha256:c16a6d30f3782288ec4e7521c754acc29d37155629cb39149756f486dae2d4cd

448 B / 448 B [=====] 0s

Writing manifest to image destination

Storing signatures

db65d991f3bbf7f31ed1064db9a6ced7652e3f8166c4736aa9133dadd3c7acb3

```
$ podman import --change 'ENTRYPOINT ["/bin/sh","-c","test-image"]' --change LABEL=blue=image test-image.tar
```

image-imported

Getting image source signatures

Copying blob e3b0c44298fc skipped: already exists

Copying config 1105523502 done

Writing manifest to image destination

Storing signatures

110552350206337183ceadc0bdd646dc356e06514c548b69a8917b4182414b

```
$ podman import --change "CMD /bin/sh" --change LABEL=blue=image test-image.tar image-imported
```

Getting image source signatures

Copying blob e3b0c44298fc skipped: already exists

Copying config ae9a27e249 done

Writing manifest to image destination

Storing signatures

ae9a27e249f801aff11a4ba54a81751ea9fbc9db45a6df3f1bfd63fc2437bb9c

\$ cat ctr.tar | podman -q import --message "importing the ctr.tar tarball" - image-imported

db65d991f3bbf7f31ed1064db9a6ced7652e3f8166c4736aa9133dadd3c7acb3

\$ cat ctr.tar | podman import -

Getting image source signatures

Copying blob sha256:b41deda5a2feb1f03a5c1bb38c598cbc12c9ccd675f438edc6acd815f7585b86

25.80 MB / 25.80 MB [=====] 0s

Copying config sha256:d61387b4d5edf65edee5353e2340783703074ffeaac529cde97a8357eea7645

378 B / 378 B [=====] 0s

Writing manifest to image destination

Storing signatures

db65d991f3bbf7f31ed1064db9a6ced7652e3f8166c4736aa9133dadd3c7acb3

\$ podman import http://example.com/ctr.tar url-image

Downloading from "http://example.com/ctr.tar"

Getting image source signatures

Copying blob sha256:b41deda5a2feb1f03a5c1bb38c598cbc12c9ccd675f438edc6acd815f7585b86

25.80 MB / 25.80 MB [=====] 0s

Copying config sha256:5813fe8a3b18696089fd09957a12e88bda43dc1745b5240879fffe93240d29a

419 B / 419 B [=====] 0s

Writing manifest to image destination

Storing signatures

db65d991f3bbf7f31ed1064db9a6ced7652e3f8166c4736aa9133dadd3c7acb3

SEE ALSO

podman(1), podman-export(1)

HISTORY

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podman-import(1)