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

\$ man podman-manifest-add.1

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NAME

podman-manifest-add - Add an image to a manifest list or image index

SYNOPSIS

podman manifest add [options] listnameorindexname [transport]:imagename

DESCRIPTION

Adds the specified image to the specified manifest list or image index.

RETURN VALUE

The list image's ID.

OPTIONS

--all

If the image which should be added to the list or index is itself a list or index, add all of the contents to the local list. By default, only one image from such a list or index will be added to the list or index. Combining --all with any of the other options described below is NOT recommended.

--annotation annotation=value

Set an annotation on the entry for the newly-added image.

--arch

Override the architecture which the list or index records as a requirement for the image.

If imageName refers to a manifest list or image index, the architecture information will be retrieved from it. Otherwise, it will be retrieved from the image's configuration information.

--authfile=path

Path of the authentication file. Default is `${XDG_RUNTIME_DIR}/containers/auth.json`, which is set using `podman login`. If the authorization state is not found there, `$HOME/.docker/config.json` is checked, which is set using `docker login`.

Note: You can also override the default path of the authentication file by setting the `REGISTRY_AUTH_FILE` environment variable. `export REGISTRY_AUTH_FILE=path`

`--cert-dir=path`

Use certificates at path (`*.crt`, `*.cert`, `*.key`) to connect to the registry. (Default: `/etc/containers/certs.d`) Please refer to `containers-certs.d(5)` for details. (This option is not available with the remote Podman client)

`--creds=creds`

The `[username[:password]]` to use to authenticate with the registry if required. If one or both values are not supplied, a command line prompt will appear and the value can be entered. The password is entered without echo.

`--features`

Specify the features list which the list or index records as requirements for the image. This option is rarely used.

`--os`

Override the OS which the list or index records as a requirement for the image. If image? name refers to a manifest list or image index, the OS information will be retrieved from it. Otherwise, it will be retrieved from the image's configuration information.

`--os-version`

Specify the OS version which the list or index records as a requirement for the image. This option is rarely used.

`--tls-verify`

Require HTTPS and verify certificates when talking to container registries (defaults to `true`).

`--variant`

Specify the variant which the list or index records for the image. This option is typically used to distinguish between multiple entries which share the same architecture value, but which expect different versions of its instruction set.

Transport

Multiple transports are supported:

`docker://docker-reference` (default)

An image in a registry implementing the "Docker Registry HTTP API V2". By default, uses the authorization state in \$XDG_RUNTIME_DIR/containers/auth.json, which is set using (podman login). If the authorization state is not found there, \$HOME/.docker/config.json is checked, which is set using (docker login).

```
$ podman manifest add mylist:v1.11 docker://quay.io/username/myimage  
containers-storage:oci-reference
```

An image in oci-reference format stored in the local container storage. oci-reference must contain a tag.

```
$ podman manifest add mylist:v1.11 containers-storage:quay.io/username/myimage  
dir:path
```

An existing local directory path storing the manifest, layer tarballs, and signatures as individual files. This

is a non-standardized format, primarily useful for debugging or noninvasive container inspection.

```
$ podman manifest add dir:/tmp/myimage  
docker-archive:path[:docker-reference]
```

An image is stored in the docker save formatted file. docker-reference is only used when creating such a file, and it must not contain a digest.

```
$ podman manifest add docker-archive:/tmp/myimage  
docker-daemon:docker-reference
```

An image in docker-reference format stored in the docker daemon internal storage. The docker-reference can also be an image ID (docker-daemon:algo:digest).

```
$ sudo podman manifest add docker-daemon:docker.io/library/myimage:33  
oci-archive:path:tag
```

An image tag in a directory compliant with "Open Container Image Layout Specification" at path.

```
$ podman manifest add oci-archive:/tmp/myimage
```

EXAMPLE

```
podman manifest add mylist:v1.11 docker://fedora  
71c201d10ffdcac52968a000d85a0a016ca1c7d5473948000d3131c1773d965  
podman manifest add --all mylist:v1.11 docker://fedora  
71c201d10ffdcac52968a000d85a0a016ca1c7d5473948000d3131c1773d965
```

```
podman manifest add --arch arm64 --variant v8 mylist:v1.11
```

```
docker://71c201d10ffdcac52968a000d85a0a016ca1c7d5473948000d3131c1773d965
```

SEE ALSO

podman(1), podman-manifest(1), podman-manifest-create(1), podman-manifest-inspect(1), pod?

man-manifest-push(1), podman-manifest-remove(1), podman-rmi(1), containers-certs.d(5)

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