

Podman Command

Usage:

```
podman [OPTION]... [COMMAND]
```

Configuration Files:

```
/etc/containers/registries.conf  
/etc/containers/registries.conf.d/  
/etc/containers/storage.conf
```

Image and Registry Operations:

<pre>podman login [-u USER] [-p PASS] [REGISTRY] podman login [--authfile PATH_TO_AUTHFILE] REGISTRY podman login --get-login [REGISTRY]</pre>	Only needed to access private repo or updating image. Override with <code>REGISTRY_AUTH_FILE</code> env. Whoami.
<pre>podman logout [REGISTRY --all]</pre>	Logout from <code>REGISTRY</code> (-a for all).
<pre>podman images [-q]</pre>	List users local images (-q only show id).
<pre>podman rmi [-f] {-a IMAGE...}</pre>	Removes local image(s) (Use -af with caution).
<pre>podman search [--limit LIMIT] [--list-tags] KEYWORD</pre>	Search registry for image (<code>LIMIT</code> matches).
<pre>podman pull [--all-tags] SOURCE</pre>	Pull image from <code>SOURCE</code> .

Where,

```
SOURCE      [REGISTRY[:PORT]/NAMESPACE/]IMAGE[:TAG]  
dir:PATH  
docker-archive:PATH  
oci-archive:PATH
```

<pre>podman tag IMAGE[:TAG] TARGET_NAME[:TAG]</pre>	Add an additional name to a local image.
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<pre>podman push IMAGE [DESTINATION]</pre>	Upload an image to the registry.
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<pre>podman build [--format FORMAT] [--squash squash-all] [--tag IMAGE] PATH</pre>	Create an image.
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Where,

```
DESTINATION  dir:PATH  
             docker://DOCKER-REFERENCE  
             oci-archive:PATH:TAG
```

FORMAT	oci	OCI image-spec v1.0, DEFAULT
	Docker	v2, using schema format 2

Container Operations:

```
podman run [--name NAME] [-p PORT_INFO] [-v VOL_INFO]... \
  [-e ENV_INFO]... [-d] [-it] [--rm] IMAGE [CMD_INFO]
```

Where,

--name NAME	Container name. Autogenerate if not provided.
-p PORT_INFO	[LOCAL_IP:]LOCAL_PORT[[:CONT_IP]:CONT_PORT] Mapping between local IP:PORT to container IP:PORT
-v VOL_INFO	LOCAL_DIR:CONT_DIR[:{rw ro z Z}] Mapping between local dir to container dir. Refer to podman-run(1) for more options.
-e ENV_INFO	KEY=VALUE Declaring Environment Variable.
-d	Run in detached mode (background).
-it	-i keep stdin open, -t allocate a pseudo-tty.
--rm	Remove container after exit.
IMAGE	Image used to create the container.
CMD_INFO	CMD [ARG...] Override default command to run in the container.
EXTRAS	podman run --help for more options (--cpus , --memory , --dns , --pod , --device). podman-run(1) for more details.

podman exec [-it] CONTAINER CMD_INFO	Execute command inside running container.
podman ps [-aq]	List containers (-a for all, -q only show id).
podman rm CONTAINER...	Remove one or more stopped containers (-f includes running and paused containers).
podman start stop restart CONTAINER...	Start, stop or restart one or more containers.
podman kill [-s SIGNAL] CONTAINER...	Send signal to one or more containers.
podman top CONTAINER	Send signal to one or more
podman stats CONTAINER	Send signal to one or more

For more info:

[podman --help](#) or [man podman](#)

Each sub command has it's own man page. [podman-run\(1\)](#), [podman-exec\(1\)](#), [podman-stats\(1\)](#), [podman-inspect\(1\)](#), [podman-top\(1\)](#), [podman-generate-systemd\(1\)](#), etc.