

# 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.
<pre>podman push IMAGE [DESTINATION]</pre>	Upload an image to the registry.

Where,

```
DESTINATION  SOURCE
```

## Container Operations:

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

Where,

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

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