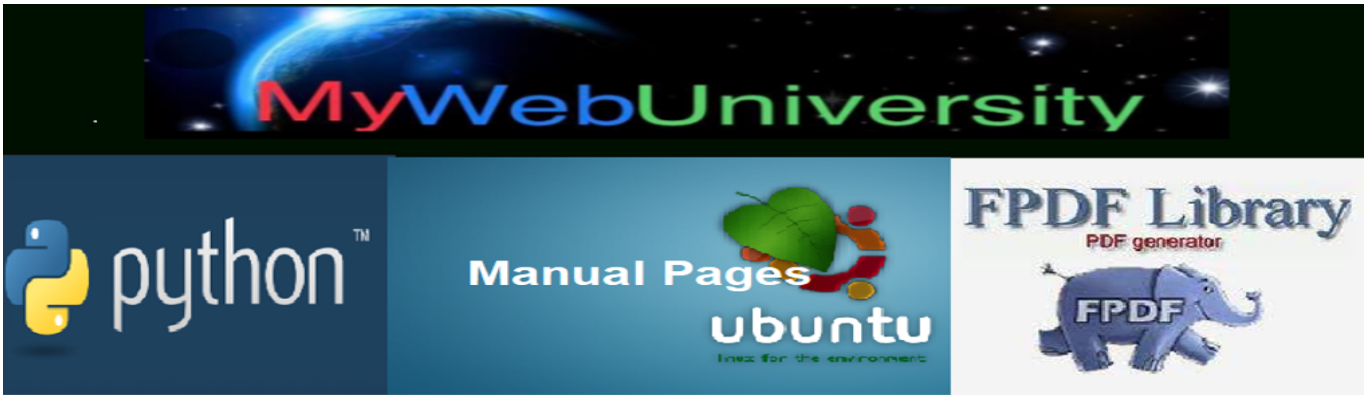




## *Rocky Enterprise Linux 9.2 Manual Pages on command 'docker-remote.1'*

***$ man docker-remote.1***

podman-remote(1)() podman-remote(1)()

NAME

podman-remote - A remote CLI for Podman: A Simple management tool for pods, containers and images.

SYNOPSIS

podman-remote [options] command

DESCRIPTION

Podman (Pod Manager) is a fully featured container engine that is a simple daemonless tool. Podman provides a Docker-CLI comparable command line that eases the transition from other container engines and allows the management of pods, containers and images. Simply put: alias docker=podman. Most Podman commands can be run as a regular user, without re? quiring additional privileges.

Podman uses Buildah(1) internally to create container images. Both tools share image (not container) storage, hence each can use or manipulate images (but not containers) created by the other.

Podman-remote provides a local client interacting with a Podman backend node through a RESTful API tunneled through a ssh connection. In this context, a Podman node is a Linux system with Podman installed on it and the API service activated. Credentials for this session can be passed in using flags, environment variables, or in containers.conf.

The containers.conf file should be placed under $HOME/.config/containers/containers.conf on Linux and Mac and %APPDATA%\containers\containers.conf on Windows.

podman [GLOBAL OPTIONS]

GLOBAL OPTIONS

--connection=name, -c

Remote connection name

--help, -h

Print usage statement

--identity=path

Path to ssh identity file. If the identity file has been encrypted, Podman prompts the user for the passphrase. If no identity file is provided and no user is given, Podman de? faults to the user running the podman command. Podman prompts for the login password on the remote server.

Identity value resolution precedence:

- command line value
- environment variable CONTAINER_SSHKEY, if CONTAINER_HOST is found
- containers.conf

--log-level=level

Log messages above specified level: debug, info, warn, error (default), fatal or panic

--url=value

URL to access Podman service (default from containers.conf, rootless "unix://run/user/$UID/podman/podman.sock" or as root "unix://run/podman/podman.sock).

? CONTAINER_HOST is of the format <schema>://[<user[:<pass? word>]@]<host>[:<port>][<path>]

Details:

- user will default to either root or current running user
- password has no default
- host must be provided and is either the IP or name of the machine hosting the Podman service
- port defaults to 22
- path defaults to either /run/podman/podman.sock, or /run/user/<uid>/podman/podman.sock if running rootless.

URL value resolution precedence:

- command line value
- environment variable CONTAINER_HOST
- containers.conf
- unix://run/podman/podman.sock

--version

Print the version

Exit Status

The exit code from podman gives information about why the container failed to run or why it exited. When podman commands exit with a non-zero code, the exit codes follow the ch? root standard, see below:

125 The error is with podman itself

$ podman run --foo busybox; echo $?

Error: unknown flag: --foo

125

126 Executing a contained command and the command cannot be invoked

$ podman run busybox /etc; echo $?

Error: container_linux.go:346: starting container process caused "exec: \"/etc\": permission denied": OCI runtime error

126

127 Executing a contained command and the command cannot be found

$ podman run busybox foo; echo $?

Error: container_linux.go:346: starting container process caused "exec: \"foo\": exe? cutable file not found in $PATH": OCI runtime error

127

Exit code contained command exit code

$ podman run busybox /bin/sh -c 'exit 3'; echo $?

3

COMMANDS

| ? | ? | ? |
|---|---|---|
| ?Command | ? Description | ? |
| ?podman-attach(1) | ? Attach to a running container. | ? |
| ?podman-build(1) | ? Build a container image using a ? | ? |
| ? | ? Dockerfile. | ? |
| ?podman-commit(1) | ? Create new image based on the ? | |

?  ? changed container.  ?

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?podman-container(1)  ? Manage containers.  ?

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?podman-cp(1)  ? Copy  files/folders  between  a ?

?  ? container and the local filesys? ?

?  ? tem.  ?

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?podman-create(1)  ? Create a new container.  ?

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?podman-diff(1)  ? Inspect changes on  a  container ?

?  ? or image's filesystem.  ?

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?podman-events(1)  ? Monitor Podman events  ?

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?podman-export(1)  ? Export  a container's filesystem ?

?  ? contents as a tar archive.  ?

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?podman-generate(1)  ? Generate structured  data  based ?

?  ? for a containers and pods.  ?

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?podman-healthcheck(1) ? Manage healthchecks for contain? ?

?  ? ers  ?

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?podman-history(1)  ? Show the history of an image.  ?

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?podman-image(1)  ? Manage images.  ?

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?podman-images(1)  ? List images in local storage.  ?

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?podman-import(1)  ? Import a tarball and save it  as ?

?  ? a filesystem image.  ?

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?podman-info(1)  ? Displays  Podman  related system ?

?  ? information.  ?

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?podman-init(1)  ? Initialize a container  ?

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?podman-inspect(1)  ? Display a container  or  image's ?

?  ? configuration.  ?

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?podman-kill(1)  ? Kill  the main process in one or ?

?  ? more containers.  ?

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?podman-load(1)  ? Load an image from  a  container ?

?  ? image  archive  into  container ?

?  ? storage.  ?

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?podman-logs(1)  ? Display the logs of a container. ?

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?podman-pause(1)  ? Pause one or more containers.  ?

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?podman-pod(1)  ? Management tool  for  groups  of ?

?  ? containers, called pods.  ?

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?podman-port(1)  ? List  port  mappings  for a con? ?

?  ? tainer.  ?

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?podman-ps(1)  ? Prints  out  information  about ?

?  ? containers.  ?

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?podman-pull(1)  ? Pull an image from a registry.  ?

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?podman-push(1)  ? Push an image from local storage ?

?  ? to elsewhere.  ?

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?podman-restart(1)  ? Restart one or more containers.  ?

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?podman-rm(1)  ? Remove one or more containers.  ?

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?podman-rmi(1)  ? Removes  one  or  more  locally ?

?  ? stored images.  ?

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?podman-run(1)  ? Run  a  command  in  a  new con? ?

?  ? tainer.  ?

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?podman-save(1)  ? Save an image to a container ar? ?

?  ? chive.  ?

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?podman-start(1)  ? Start one or more containers.  ?

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?podman-stop(1)  ? Stop  one  or  more running con? ?

?  ? tainers.  ?

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?podman-system(1)  ? Manage podman.  ?

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?podman-tag(1)  ? Add an additional name to a  lo? ?

?  ? cal image.  ?

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?podman-top(1)  ? Display the running processes of ?

?  ? a container.  ?

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?podman-unpause(1)  ? Unpause one or more containers.  ?

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?podman-version(1)  ? Display the Podman  version  in? ?

?  ? formation.  ?

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?podman-volume(1)  ? Manage Volumes.  ?

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FILES

containers.conf ($HOME/.config/containers/containers.conf)

Podman has builtin defaults for command line options. These defaults can be overridden us?

ing the containers.conf configuration files.

Users can modify defaults by creating the $HOME/.config/containers/containers.conf file.

Podman merges its builtin defaults with the specified fields from this file, if it exists.

Fields specified in the users file override the built-in defaults.

Podman uses builtin defaults if no containers.conf file is found.

SEE ALSO

containers.conf(5)

podman-remote(1)()