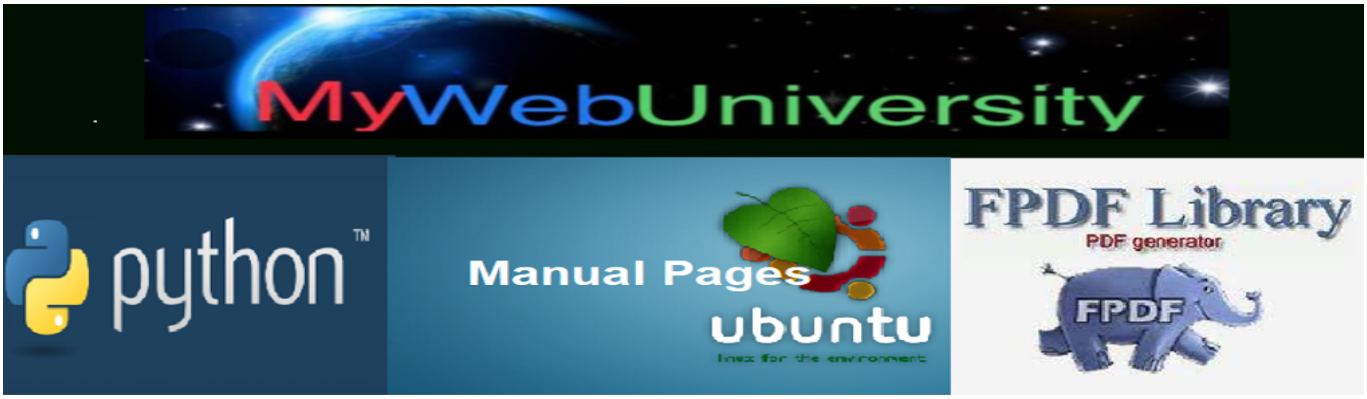

Rocky Enterprise Linux 9.2 Manual Pages on command 'docker-top.1'

$ man docker-top.1

podman-top(1)() podman-top(1)()

NAME

podman-top - Display the running processes of a container

SYNOPSIS

podman top [options] container [format-descriptors]

podman container top [options] container [format-descriptors]

DESCRIPTION

Display the running processes of the container. The format-descriptors are ps (1) compati?

ble AIX format descriptors but extended to print additional information, such as the sec?

comp mode or the effective capabilities of a given process. The descriptors can either be

passed as separated arguments or as a single comma-separated argument. Note that you can

also specify options and or flags of ps(1); in this case, Podman will fallback to execut?

ing ps with the specified arguments and flags in the container. Please use the "h*" de?

scriptors if you want to extract host-related information. For instance, podman top $name

hpid huser to display the PID and user of the processes in the host context.

OPTIONS

--help, -h

Print usage statement

--latest, -l

Instead of providing the container name or ID, use the last created container. If you use

methods other than Podman to run containers such as CRI-O, the last started container

could be from either of those methods.(This option is not available with the remote Podman

client)

FORMAT DESCRIPTORS

The following descriptors are supported in addition to the AIX format descriptors mentioned in ps (1):

args, capbnd, capeff, capinh, capprm, comm, etime, group, hgroup, hpid, huser, label, nice, pcpu, pgid, pid, ppid, rgroup, ruser, seccomp, state, time, tty, user, vsz

capbnd

Set of bounding capabilities. See capabilities (7) for more information.

capeff

Set of effective capabilities. See capabilities (7) for more information.

capinh

Set of inheritable capabilities. See capabilities (7) for more information.

capprm

Set of permitted capabilities. See capabilities (7) for more information.

hgroup

The corresponding effective group of a container process on the host.

hpid

The corresponding host PID of a container process.

huser

The corresponding effective user of a container process on the host.

label

Current security attributes of the process.

seccomp

Seccomp mode of the process (i.e., disabled, strict or filter). See seccomp (2) for more information.

state

Process state codes (e.g, R for running, S for sleeping). See proc(5) for more information.

stime

Process start time (e.g, "2019-12-09 10:50:36 +0100 CET).

EXAMPLES

By default, podman-top prints data similar to ps -ef:

```
$ podman top f5a62a71b07
USER   PID   PPID   %CPU    ELAPSED         TTY     TIME   COMMAND
```

root 1 0 0.000 20.386825206s pts/0 0s sh

root 7 1 0.000 16.386882887s pts/0 0s sleep

root 8 1 0.000 11.386886562s pts/0 0s vi

The output can be controlled by specifying format descriptors as arguments after the con?

tainer:

$ podman top -l pid seccomp args %C

PID SECCOMP COMMAND %CPU

1 filter sh 0.000

8 filter vi /etc/ 0.000

Podman will fallback to executing ps(1) in the container if an unknown descriptor is spec?

ified.

$ podman top -l -- aux

USER PID PPID %CPU ELAPSED TTY TIME COMMAND

root 1 0 0.000 1h2m12.497061672s ? 0s sleep 100000

SEE ALSO

podman(1), ps(1), seccomp(2), proc(5), capabilities(7)

HISTORY

July 2018, Introduce format descriptors by Valentin Rothberg vrothberg@suse.com

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