



Full credit is given to the above companies including the OS that this PDF file was generated!

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

\$ man podman-top.1

podman-top(1) General Commands Manual 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) compatible AIX format descriptors but extended to print additional information, such as the seccomp 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 options and or flags of ps(1) can also be specified; in this case, Podman will fallback to executing ps with the specified arguments and flags in the container. Please use the "h*" descriptors 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. Note: the last started container could be from other users of Podman on the host machine. (This option is not available with the remote Podman client, including Mac and Windows (excluding WSL2) machines)

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 container:

```
$ 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 specified.

```
$ 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 vroth?

[berg@suse.com](mailto:vrothberg@suse.com) ?mailto:vrothberg@suse.com?

December 2017, Originally compiled by Brent Baude bbaude@redhat.com

?mailto:bbaude@redhat.com?

podman-top(1)