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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'podman-pod-ps.1' command

\$ man podman-pod-ps.1

podman-pod-ps(1) General Commands Manual podman-pod-ps(1)

NAME

podman-pod-ps - Prints out information about pods

SYNOPSIS

podman pod ps [options]

DESCRIPTION

podman pod ps lists the pods on the system. By default it lists:

- ? pod id
- ? pod name
- ? the time the pod was created
- ? number of containers attached to pod
- ? container id of the pod infra container
- ? status of pod as defined by the following table

??

?Status ? Description ?

??

?Created ? No containers running nor ?

? ? stopped ?

??

?Running ? at least one container is ?

? ? running ?

??

?Stopped ? At least one container ?

? ? stopped and none running ?
??
?Exited ? All containers stopped in pod ?
??
?Dead ? Error retrieving state ?
??

OPTIONS

--ctr-ids

Display the container IDs

--ctr-names

Display the container names

--ctr-status

Display the container statuses

--filter, -f=filter

Provide filter values.

The filters argument format is of key=value. If there is more than one filter, then pass multiple OPTIONS: --filter foo=bar --filter bif=baz.

Supported filters:

??

?Filter ? Description ?

??

?ctr-ids ? Filter by container ID ?

? ? within the pod. ?

??

?ctr-names ? Filter by container name ?

? ? within the pod. ?

??

?ctr-number ? Filter by number of con? ?

? ? tainers in the pod. ?

??

?ctr-status ? Filter by container status ?

? ? within the pod. ?

??

?id ? Filter by pod ID. ?
??

?label ? Filter by container with ?
? ? (or without, in the case ?
? ? of label!=[...] is used) ?
? ? the specified labels. ?
??

?name ? Filter by pod name. ?
??

?network ? Filter by network name or ?
? ? full ID of network. ?
??

?status ? Filter by pod status. ?
??

?until ? Filter by pods created be? ?
? ? fore given timestamp. ?
??

The ctr-ids, ctr-names, id, name filters accept regex format.

The ctr-status filter accepts values: created, running, paused, stopped, exited, unknown.

The label filter accepts two formats. One is the label=key or label=key=value, which removes containers with the specified labels. The other format is the label!=key or label!=key=value, which removes containers without the specified labels.

The until filter can be Unix timestamps, date formatted timestamps, or Go duration strings (e.g. 10m, 1h30m) computed relative to the machine's time.

The status filter accepts values: stopped, running, paused, exited, dead, created, degraded.

--format=format
Pretty-print containers to JSON or using a Go template
Valid placeholders for the Go template are listed below:

??

```

?Placeholder      ? Description      ?
????????????????????????????????????????????????????????????
?.ID              ? Container ID      ?
????????????????????????????????????????????????????????????
?.Name            ? Name of pod        ?
????????????????????????????????????????????????????????????
?.Status          ? Status of pod      ?
????????????????????????????????????????????????????????????
?.Labels          ? All the labels assigned to ?
?                 ? the pod           ?
????????????????????????????????????????????????????????????
?.NumberOfContainers ? Show the number of con? ?
?                 ? tainers attached to pod ?
????????????????????????????????????????????????????????????
?.Cgroup          ? Cgroup path of pod ?
????????????????????????????????????????????????????????????
?.Created         ? Creation time of pod ?
????????????????????????????????????????????????????????????
?.InfraID         ? Pod infra container ID ?
????????????????????????????????????????????????????????????
?.Networks       ? Show all networks con? ?
?                 ? nected to the infra con? ?
?                 ? tainer             ?
????????????????????????????????????????????????????????????

```

--help, -h

Print usage statement

--latest, -l

Show the latest pod created (all states) (This option is not available with the remote Podman client, including Mac and Windows (excluding WSL2) machines)

--namespace, --ns

Display namespace information of the pod

--no-trunc

Do not truncate the output (default false).

--noheading, -n

Omit the table headings from the listing.

--quiet, -q

Print the numeric IDs of the pods only

--sort

Sort by created, ID, name, status, or number of containers

Default: created

EXAMPLES

```
$ podman pod ps
```

POD ID	NAME	STATUS	CREATED	INFRA ID	# OF CONTAINERS
00dfd6fa02c0	jolly_goldstine	Running	31 hours ago	ba465ab0a3a4	1
f4df8692e116	nifty_torvalds	Created	10 minutes ago	331693bff40a	2

```
$ podman pod ps --ctr-names
```

POD ID	NAME	STATUS	CREATED	INFRA ID	NAMES
00dfd6fa02c0	jolly_goldstine	Running	31 hours ago	ba465ab0a3a4	loving_archimedes
f4df8692e116	nifty_torvalds	Created	10 minutes ago	331693bff40a	thirsty_hawking,wizardly_golick

```
$ podman pod ps --ctr-status --ctr-names --ctr-ids
```

POD ID	NAME	STATUS	CREATED	INFRA ID	IDS	NAMES
--------	------	--------	---------	----------	-----	-------

STATUS

00dfd6fa02c0	jolly_goldstine	Running	31 hours ago	ba465ab0a3a4	ba465ab0a3a4
loving_archimedes	running				
f4df8692e116	nifty_torvalds	Created	10 minutes ago	331693bff40a	331693bff40a,8e428daeb89e
thirsty_hawking,wizardly_golick	configured,configured				

```
$ podman pod ps --format "{{.ID}} {{.ContainerNames}} {{.Cgroup}}"
```

```
00dfd6fa02c0 loving_archimedes /libpod_parent
f4df8692e116 thirsty_hawking,wizardly_golick /libpod_parent
```

```
$ podman pod ps --sort id --filter ctr-number=2
```

POD ID	NAME	STATUS	CREATED	INFRA ID	# OF CONTAINERS
f4df8692e116	nifty_torvalds	Created	10 minutes ago	331693bff40a	2

```
$ podman pod ps --ctr-ids
```

POD ID	NAME	STATUS	CREATED	INFRA ID	IDS
00dfd6fa02c0	jolly_goldstine	Running	31 hours ago	ba465ab0a3a4	ba465ab0a3a4

f4df8692e116 nifty_torvalds Created 10 minutes ago 331693bff40a 331693bff40a,8e428daeb89e

\$ podman pod ps --no-trunc --ctr-ids

POD ID	NAME	STATUS	CREATED	INFRA ID
	IDS			

00dfd6fa02c0a2daaedfdf8fcecd06f22ad114d46d167d71777224735f701866	jolly_goldstine	Running	31 hours ago	ba465ab0a3a4e15e3539a1e79c32d1213a02b0989371e274f98e0f1ae9de7050
--	-----------------	---------	--------------	--

ba465ab0a3a4e15e3539a1e79c32d1213a02b0989371e274f98e0f1ae9de7050

f4df8692e116a3e6d1d62572644ed36ca475d933808cc3c93435c45aa139314b	nifty_torvalds	Created	10 minutes ago	331693bff40a926b6d52b184e116afd15497610c378d5d4c42945dd6e33b75b0
--	----------------	---------	----------------	--

331693bff40a926b6d52b184e116afd15497610c378d5d4c42945dd6e33b75b0,8e428daeb89e69b71e7916a13accfb87d122
889442b5c05c2d99cf94a3230e9d

\$ podman pod ps --ctr-names

POD ID	NAME	STATUS	CREATED	INFRA ID	NAMES
	314f4da82d74	hi	Created	17 hours ago	a9f2d2165675

jovial_jackson,hopeful_archimedes,vibrant_ptolemy,heuristic_jennings,keen_raman,hopeful_newton,mystifying_bose,silly_lalande,serene_lichterman ...

pod ps

Print a list of pods

SEE ALSO

podman(1), podman-pod(1)

HISTORY

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