



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

\$ man podman-system-info.1

podman-info(1) General Commands Manual podman-info(1)

NAME

podman-info - Displays Podman related system information

SYNOPSIS

podman info [options]
podman system info [options]

DESCRIPTION

Displays information pertinent to the host, current storage stats, configured container registries, and build of podman.

OPTIONS

--format, -f=format
Change output format to "json" or a Go template.
??
?Placeholder ? Info pertaining to ... ?
??
?.Host ... ? ...the host on which pod? ?
? ? man is running ?
??

?Plugins ... ? ...external plugins ?

??

?Registries ... ? ...configured registries ?

??

?Store ... ? ...the storage driver and ?

? ? paths ?

??

?Version ... ? ...podman version ?

??

Each of the above branch out into further subfields, more than can reasonably be enumerated in this document.

EXAMPLES

Run podman info for a YAML formatted response:

```
$ podman info
```

```
host:
```

```
  arch: amd64
```

```
  buildahVersion: 1.23.0
```

```
  cgroupControllers: []
```

```
  cgroupManager: systemd
```

```
  cgroupVersion: v2
```

```
  common:
```

```
    package: common-2.0.29-2.fc34.x86_64
```

```
    path: /usr/bin/common
```

```
    version: 'common version 2.0.29, commit: '
```

```
  cpu_utilization:
```

```
    idle_percent: 96.84
```

```
    system_percent: 0.71
```

```
    user_percent: 2.45
```

```
  cpus: 8
```

```
  distribution:
```

```
    distribution: fedora
```

```
    variant: workstation
```

```
    version: "34"
```

eventLogger: journald

hostname: localhost.localdomain

idMappings:

gidmap:

- container_id: 0

host_id: 3267

size: 1

- container_id: 1

host_id: 100000

size: 65536

uidmap:

- container_id: 0

host_id: 3267

size: 1

- container_id: 1

host_id: 100000

size: 65536

kernel: 5.13.13-200.fc34.x86_64

linkmode: dynamic

logDriver: journald

memFree: 1833385984

memTotal: 16401895424

ociRuntime:

name: crun

package: crun-1.0-1.fc34.x86_64

path: /usr/bin/crun

version: |-

crun version 1.0

commit: 139dc6971e2f1d931af520188763e984d6cdfbf8

spec: 1.0.0

+SYSTEMD +SELINUX +APPARMOR +CAP +SECCOMP +EBPF +CRIU +YAJL

os: linux

remoteSocket:

path: /run/user/3267/podman/podman.sock

security:

apparmorEnabled: false

capabilities:

CAP_CHOWN,CAP_DAC_OVERRIDE,CAP_FOWNER,CAP_FSETID,CAP_KILL,CAP_NET_BIND_SERVICE,CAP_SETFCAP,CAP_SETGID,CAP_SETPCAP,CAP_SETUID

rootless: true

seccompEnabled: true

seccompProfilePath: /usr/share/containers/seccomp.json

selinuxEnabled: true

serviceIsRemote: false

slirp4netns:

executable: /bin/slirp4netns

package: slirp4netns-1.1.12-2.fc34.x86_64

version: |-

slirp4netns version 1.1.12

commit: 7a104a101aa3278a2152351a082a6df71f57c9a3

libslirp: 4.4.0

SLIRP_CONFIG_VERSION_MAX: 3

libseccomp: 2.5.0

swapFree: 15687475200

swapTotal: 16886259712

uptime: 47h 15m 9.91s (Approximately 1.96 days)

plugins:

log:

- k8s-file

- none

- journald

network:

- bridge

- macvlan

volume:

- local

registries:

search:

- registry.fedoraproject.org
- registry.access.redhat.com
- docker.io
- quay.io

store:

configFile: /home/dwalsh/.config/containers/storage.conf

containerStore:

number: 9

paused: 0

running: 1

stopped: 8

graphDriverName: overlay

graphOptions: {}

graphRoot: /home/dwalsh/.local/share/containers/storage

graphRootAllocated: 510389125120

graphRootUsed: 129170714624

graphStatus:

Backing Filesystem: extfs

Native Overlay Diff: "true"

Supports d_type: "true"

Using metacopy: "false"

imageCopyTmpDir: /home/dwalsh/.local/share/containers/storage/tmp

imageStore:

number: 5

runRoot: /run/user/3267/containers

transientStore: false

volumePath: /home/dwalsh/.local/share/containers/storage/volumes

version:

APIVersion: 4.0.0

Built: 1631648722

BuiltTime: Tue Sep 14 15:45:22 2021

GitCommit: 23677f92dd83e96d2bc8f0acb611865fb8b1a56d

GoVersion: go1.16.6

OsArch: linux/amd64

Version: 4.0.0

Run podman info --format json for a JSON formatted response:

```
$ podman info --format json
```

```
{
  "host": {
    "arch": "amd64",
    "buildahVersion": "1.23.0",
    "cgroupManager": "systemd",
    "cgroupVersion": "v2",
    "cgroupControllers": [],
    "conmon": {
      "package": "conmon-2.0.29-2.fc34.x86_64",
      "path": "/usr/bin/conmon",
      "version": "conmon version 2.0.29, commit: "
    },
    "cpus": 8,
    "distribution": {
      "distribution": "fedora",
      "version": "34"
    },
    "eventLogger": "journal",
    "hostname": "localhost.localdomain",
    "idMappings": {
      "gidmap": [
        {
          "container_id": 0,
          "host_id": 3267,
          "size": 1
        }
      ],
      "uidmap": [
        {

```

```

        "container_id": 1,
        "host_id": 100000,
        "size": 65536
    }
],
"uidmap": [
    {
        "container_id": 0,
        "host_id": 3267,
        "size": 1
    },
    {
        "container_id": 1,
        "host_id": 100000,
        "size": 65536
    }
]
},
"kernel": "5.13.13-200.fc34.x86_64",
"logDriver": "journald",
"memFree": 1785753600,
"memTotal": 16401895424,
"ociRuntime": {
    "name": "crun",
    "package": "crun-1.0-1.fc34.x86_64",
    "path": "/usr/bin/crun",
    "version": "crun version 1.0\ncommit: 139dc6971e2f1d931af520188763e984d6cdfbf8\nspec:
1.0.0\n+SYSTEMD +SELINUX +APPARMOR +CAP +SECCOMP +EBPF +CRIU +YAJL"
},
"os": "linux",
"remoteSocket": {
    "path": "/run/user/3267/podman/podman.sock"
},

```

```

    "serviceIsRemote": false,

    "security": {

        "apparmorEnabled": false,

                                                                    "capabilities":

"CAP_CHOWN,CAP_DAC_OVERRIDE,CAP_FOWNER,CAP_FSETID,CAP_KILL,CAP_NET_BIND_SERVICE,CAP_SETF
CAP,CAP_SETGID,CAP_SETPCAP,CAP_SETUID",

        "rootless": true,

        "seccompEnabled": true,

        "seccompProfilePath": "/usr/share/containers/seccomp.json",

        "selinuxEnabled": true
    },

    "slirp4netns": {

        "executable": "/bin/slirp4netns",

        "package": "slirp4netns-1.1.12-2.fc34.x86_64",

            "version": "slirp4netns version 1.1.12\ncommit: 7a104a101aa3278a2152351a082a6df71f57c9a3\nlibsirp:
4.4.0\nSLIRP_CONFIG_VERSION_MAX: 3\nlibseccomp: 2.5.0"

    },

    "swapFree": 15687475200,

    "swapTotal": 16886259712,

    "uptime": "47h 17m 29.75s (Approximately 1.96 days)",

    "linkmode": "dynamic"
},

"store": {

    "configFile": "/home/dwalsh/.config/containers/storage.conf",

    "containerStore": {

        "number": 9,

        "paused": 0,

        "running": 1,

        "stopped": 8
    },

    "graphDriverName": "overlay",

    "graphOptions": {

},

```

```

"graphRoot": "/home/dwalsh/.local/share/containers/storage",
"graphStatus": {
  "Backing Filesystem": "extfs",
  "Native Overlay Diff": "true",
  "Supports d_type": "true",
  "Using metacopy": "false"
},
"imageCopyTmpDir": "/home/dwalsh/.local/share/containers/storage/tmp",
"imageStore": {
  "number": 5
},
"runRoot": "/run/user/3267/containers",
"volumePath": "/home/dwalsh/.local/share/containers/storage/volumes",
"transientStore": false
},
"registries": {
  "search": [
    "registry.fedoraproject.org",
    "registry.access.redhat.com",
    "docker.io",
    "quay.io"
  ]
},
"plugins": {
  "volume": [
    "local"
  ],
  "network": [
    "bridge",
    "macvlan"
  ],
  "log": [
    "k8s-file",

```

```

    "none",
    "journald"
]
},
"version": {
    "APIVersion": "4.0.0",
    "Version": "4.0.0",
    "GoVersion": "go1.16.6",
    "GitCommit": "23677f92dd83e96d2bc8f0acb611865fb8b1a56d",
    "BuiltTime": "Tue Sep 14 15:45:22 2021",
    "Built": 1631648722,
    "OsArch": "linux/amd64"
}
}

```

Extracting the list of container registries with a Go template

If shell completion is enabled, type `podman info --format={{. and then press [TAB] twice.`

```

$ podman info --format={{.
{{.Host.    {{.Plugins.    {{.Registries}} {{.Store.    {{.Version.

```

Press R [TAB] [ENTER] to print the registries information.

```

$ podman info -f {{.Registries}}
map[search:[registry.fedoraproject.org registry.access.redhat.com docker.io quay.io]]
$

```

The output still contains a map and an array. The map value can be extracted with

```

$ podman info -f '{{index .Registries "search"}}'
[registry.fedoraproject.org registry.access.redhat.com docker.io quay.io]

```

The array can be printed as one entry per line

```

$ podman info -f '{{range index .Registries "search"}}{{.}}\n{{end}}'
registry.fedoraproject.org
registry.access.redhat.com
docker.io
quay.io

```

Extracting the list of container registries from JSON with jq

The command-line JSON processor jq can be used to extract the list of container registries.

```
$ podman info -f json | jq '.registries["search"]'
[
  "registry.fedoraproject.org",
  "registry.access.redhat.com",
  "docker.io",
  "quay.io"
]
```

The array can be printed as one entry per line

```
$ podman info -f json | jq -r '.registries["search"] | .[]'
registry.fedoraproject.org
registry.access.redhat.com
docker.io
quay.io
```

Note, the Go template struct fields start with upper case. When running `podman info` or `podman info --format=json`, the same names start with lower case.

SEE ALSO

`podman(1)`, `containers-registries.conf(5)`, `containers-storage.conf(5)`
`podman-info(1)`