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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'podman-system-info.1' command**

**\$ 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
  conmon:
    package: conmon-2.0.29-2.fc34.x86_64
    path: /usr/bin/conmon
    version: 'conmon 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\_SETPID,CAP\_SETUID,CAP\_SETGID

AP,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": "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",
"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: 139dc6971e2f1d931af520188763e984d6cdfb8\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_SETFCAP,CAP_SETPCAP,CAP_SYS_ADMIN,CAP_SYS_CHROOT"
}
}

```

"capabilities":

"CAP\_CHOWN,CAP\_DAC\_OVERRIDE,CAP\_FOWNER,CAP\_FSETID,CAP\_KILL,CAP\_NET\_BIND\_SERVICE,CAP\_SETFCAP,CAP\_SETPCAP,CAP\_SYS\_ADMIN,CAP\_SYS\_CHROOT"

```
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\nlibslirp:
```

```
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\(1\)](#)