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

\$ man podman-container-inspect.1

```
podman-container-inspect(1)()                podman-container-inspect(1)()
```

NAME

podman-container-inspect - Display a container's configuration

SYNOPSIS

```
podman container inspect [options] container [container ...]
```

DESCRIPTION

This displays the low-level information on containers identified by name or ID. By default, this will render all results in a JSON array. If a format is specified, the given template will be executed for each result.

OPTIONS

--format, -f=format

Format the output using the given Go template. The keys of the returned JSON can be used as the values for the --format flag (see examples below).

--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.)

--size, -s

In addition to normal output, display the total file size if the type is a container.

EXAMPLE

```
$ podman container inspect foobar
```

```
[
```

```
{
  "Id": "99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6",
  "Created": "2021-09-16T06:09:08.936623325-04:00",
  "Path": "echo",
  "Args": [
    "hi"
  ],
  "State": {
    "OciVersion": "1.0.2-dev",
    "Status": "exited",
    "Running": false,
    "Paused": false,
    "Restarting": false,
    "OOMKilled": false,
    "Dead": false,
    "Pid": 0,
    "ExitCode": 0,
    "Error": "",
    "StartedAt": "2021-09-16T06:09:09.033564436-04:00",
    "FinishedAt": "2021-09-16T06:09:09.036184314-04:00",
    "Healthcheck": {
      "Status": "",
      "FailingStreak": 0,
      "Log": null
    }
  },
  "Image": "14119a10abf4669e8cdbdff324a9f9605d99697215a0d21c360fe8dfa8471bab",
  "ImageName": "docker.io/library/alpine:latest",
  "Rootfs": "",
  "Pod": "",
```

"ResolvConfPath":

"/run/user/3267/containers/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6/
userdata/resolv.conf",

"HostnamePath":

"/run/user/3267/containers/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6/
userdata/hostname",

"HostsPath":

"/run/user/3267/containers/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6/
userdata/hosts",

"StaticDir":

"/home/dwalsh/.local/share/containers/storage/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea7
57d5e922dd6a8a6/userdata",

"OCIConfigPath":

"/home/dwalsh/.local/share/containers/storage/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea7
57d5e922dd6a8a6/userdata/config.json",

"OCIRuntime": "crun",

"ConmonPidFile":

"/run/user/3267/containers/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6/
userdata/conmon.pid",

"PidFile":

"/run/user/3267/containers/overlay-containers/99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6/
userdata/pidfile",

"Name": "foobar",

"RestartCount": 0,

"Driver": "overlay",

"MountLabel": "system_u:object_r:container_file_t:s0:c25,c695",

"ProcessLabel": "system_u:system_r:container_t:s0:c25,c695",

"AppArmorProfile": "",

"EffectiveCaps": [

"CAP_CHOWN",

"CAP_DAC_OVERRIDE",

"CAP_FOWNER",

"CAP_FSETID",

"CAP_KILL",

"CAP_NET_BIND_SERVICE",

"CAP_SETFCAP",

```

    "CAP_SETGID",
    "CAP_SETPCAP",
    "CAP_SETUID",
    "CAP_SYS_CHROOT"
  ],
  "BoundingCaps": [
    "CAP_CHOWN",
    "CAP_DAC_OVERRIDE",
    "CAP_FOWNER",
    "CAP_FSETID",
    "CAP_KILL",
    "CAP_NET_BIND_SERVICE",
    "CAP_SETFCAP",
    "CAP_SETGID",
    "CAP_SETPCAP",
    "CAP_SETUID",
    "CAP_SYS_CHROOT"
  ],
  "ExecIDs": [],
  "GraphDriver": {
    "Name": "overlay",
    "Data": {
      "LowerDir":
"/home/dwalsh/.local/share/containers/storage/overlay/e2eb06d8af8218cfec8210147357a68b7e13f7c485b991c288c2d01dc228bb68/diff",
      "UpperDir":
"/home/dwalsh/.local/share/containers/storage/overlay/8f3d70434a3db17410ec4710caf4f251f3e4ed0a96a08124e4b3d4af0a0ea300/diff",
      "WorkDir":
"/home/dwalsh/.local/share/containers/storage/overlay/8f3d70434a3db17410ec4710caf4f251f3e4ed0a96a08124e4b3d4af0a0ea300/work"
    }
  },

```

```
"Mounts": [],
"Dependencies": [],
"NetworkSettings": {
  "EndpointID": "",
  "Gateway": "",
  "IPAddress": "",
  "IPPrefixLen": 0,
  "IPv6Gateway": "",
  "GlobalIPv6Address": "",
  "GlobalIPv6PrefixLen": 0,
  "MacAddress": "",
  "Bridge": "",
  "SandboxID": "",
  "HairpinMode": false,
  "LinkLocalIPv6Address": "",
  "LinkLocalIPv6PrefixLen": 0,
  "Ports": {},
  "SandboxKey": ""
},
"ExitCommand": [
  "/usr/bin/podman",
  "--root",
  "/home/dwalsh/.local/share/containers/storage",
  "--runroot",
  "/run/user/3267/containers",
  "--log-level",
  "warning",
  "--cgroup-manager",
  "systemd",
  "--tmpdir",
  "/run/user/3267/libpod/tmp",
  "--runtime",
  "crun",
```

```
--storage-driver",
"overlay",
"--events-backend",
"journald",
"container",
"cleanup",
"99f66530fe9c7249f7cf29f78e8661669d5831cbe4ee80ea757d5e922dd6a8a6"
],
"Namespace": "",
"IsInfra": false,
"Config": {
  "Hostname": "99f66530fe9c",
  "Domainname": "",
  "User": "",
  "AttachStdin": false,
  "AttachStdout": false,
  "AttachStderr": false,
  "Tty": false,
  "OpenStdin": false,
  "StdinOnce": false,
  "Env": [
    "PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
    "TERM=xterm",
    "container=podman",
    "HOME=/root",
    "HOSTNAME=99f66530fe9c"
  ],
  "Cmd": [
    "echo",
    "hi"
  ],
  "Image": "docker.io/library/alpine:latest",
  "Volumes": null,
```

```
"WorkingDir": "/",
"Entrypoint": "",
"OnBuild": null,
"Labels": null,
"Annotations": {
  "io.container.manager": "libpod",
  "io.kubernetes.cri-o.Created": "2021-09-16T06:09:08.936623325-04:00",
  "io.kubernetes.cri-o.TTY": "false",
  "io.podman.annotations.autoremove": "FALSE",
  "io.podman.annotations.init": "FALSE",
  "io.podman.annotations.privileged": "FALSE",
  "io.podman.annotations.publish-all": "FALSE",
  "org.opencontainers.image.stopSignal": "15"
},
"StopSignal": 15,
"CreateCommand": [
  "podman",
  "run",
  "--name",
  "foobar",
  "alpine",
  "echo",
  "hi"
],
"Timezone": "local",
"Umask": "0022",
"Timeout": 0,
"StopTimeout": 10
},
"HostConfig": {
  "Binds": [],
  "CgroupManager": "systemd",
  "CgroupMode": "private",
```

```
"ContainerIDFile": "",
"LogConfig": {
  "Type": "journald",
  "Config": null,
  "Path": "",
  "Tag": "",
  "Size": "0B"
},
"NetworkMode": "slirp4netns",
"PortBindings": {},
"RestartPolicy": {
  "Name": "",
  "MaximumRetryCount": 0
},
"AutoRemove": false,
"VolumeDriver": "",
"VolumesFrom": null,
"CapAdd": [],
"CapDrop": [
  "CAP_AUDIT_WRITE",
  "CAP_MKNOD",
  "CAP_NET_RAW"
],
"Dns": [],
"DnsOptions": [],
"DnsSearch": [],
"ExtraHosts": [],
"GroupAdd": [],
"IpcMode": "private",
"Cgroup": "",
"Cgroups": "default",
"Links": null,
"OomScoreAdj": 0,
```


"PidMode": "private",
"Privileged": false,
"PublishAllPorts": false,
"ReadonlyRootfs": false,
"SecurityOpt": [],
"Tmpfs": {},
"UTSMode": "private",
"UsersnsMode": "",
"ShmSize": 65536000,
"Runtime": "oci",
"ConsoleSize": [
 0,
 0
],
"Isolation": "",
"CpuShares": 0,
"Memory": 0,
"NanoCpus": 0,
"CgroupParent": "user.slice",
"BlkioWeight": 0,
"BlkioWeightDevice": null,
"BlkioDeviceReadBps": null,
"BlkioDeviceWriteBps": null,
"BlkioDeviceReadIOps": null,
"BlkioDeviceWriteIOps": null,
"CpuPeriod": 0,
"CpuQuota": 0,
"CpuRealtimePeriod": 0,
"CpuRealtimeRuntime": 0,
"CpusetCpus": "",
"CpusetMems": "",
"Devices": [],
"DiskQuota": 0,

```
"KernelMemory": 0,
"MemoryReservation": 0,
"MemorySwap": 0,
"MemorySwappiness": 0,
"OomKillDisable": false,
"PidsLimit": 2048,
"Ulimits": [],
"CpuCount": 0,
"CpuPercent": 0,
"IOMaximumIOps": 0,
"IOMaximumBandwidth": 0,
"CgroupConf": null
}
}
]
```

```
$ podman container inspect nervous_fermi --format "{{.ImageName}}"
registry.access.redhat.com/ubi8:latest
```

```
$ podman container inspect foobar --format "{{.GraphDriver.Name}}"
overlay
```

```
$ podman container inspect --latest --format {{.EffectiveCaps}}
```

```
[CAP_CHOWN CAP_DAC_OVERRIDE CAP_FOWNER CAP_FSETID CAP_KILL CAP_NET_BIND_SERVICE
CAP_SETFCAP CAP_SETGID CAP_SETPCAP CAP_SETUID CAP_SYS_CHROOT]
```

SEE ALSO

podman(1), podman-container(1), podman-inspect(1)

HISTORY

Sep 2021, Originally compiled by Dan Walsh dwalsh@redhat.com ?mailto:dwalsh@redhat.com?

podman-container-inspect(1)()