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

\$ man podman-inspect.1

podman-inspect(1)() podman-inspect(1)()

NAME

podman-inspect - Display a container, image, volume, network, or pod's configuration

SYNOPSIS

podman inspect [options] name [...]

DESCRIPTION

This displays the low-level information on containers and images identified by name or ID.

By default, this will render all results in a JSON array. If the inspect type is all, the order of inspection is: containers, images, volumes, network, pods.

So, if a container has the same name as an image, then the container JSON will be returned, and so on.

If a format is specified, the given template will be executed for each result.

For more inspection options, see also podman-container-inspect(1), podman-image-inspect(1), podman-network-inspect(1), podman-pod-inspect(1), and podman-volume-inspect(1).

OPTIONS

--type, -t=type

Return JSON for the specified type. Type can be 'container', 'image', 'volume', 'network', 'pod', or 'all' (default: all) (Only meaningful when invoked as podman inspect)

--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 can be used to inspect the latest pod created when used with `--type pod`. (This option is not available with the remote Podman client or when invoked as `podman image inspect`.)

`--size, -s`

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

EXAMPLE

```
# podman inspect fedora
[
  {
    "Id": "f0858ad3febd45bb2e5501cb459affffacef081f79eaa436085c3b6d9bd46ca",
    "Digest": "sha256:d4f7df6b691d61af6cee7328f82f1d8afdef63bc38f58516858ae3045083924a",
    "RepoTags": [
      "docker.io/library/fedora:latest"
    ],
    "RepoDigests": [
      "docker.io/library/fedora@sha256:8fa60b88e2a7eac8460b9c0104b877f1aa0cea7fbc03c701b7e545daccfb433",
      "docker.io/library/fedora@sha256:d4f7df6b691d61af6cee7328f82f1d8afdef63bc38f58516858ae3045083924a"
    ],
    "Parent": "",
    "Comment": "",
    "Created": "2019-10-29T03:23:37.695123423Z",
    "Config": {
      "Env": [
        "PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
        "DISTTAG=f31-updates-candidatecontainer",
        "FGC=f31-updates-candidate",
        "FBR=f31-updates-candidate"
      ],
      "Cmd": [
```

```

    "/bin/bash"
  ],
  "Labels": {
    "maintainer": "Clement Verna \u003ccverna@fedoraproject.org\u003e"
  }
},
"Version": "18.06.1-ce",
"Author": "",
"Architecture": "amd64",
"Os": "linux",
"Size": 201096840,
"VirtualSize": 201096840,
"GraphDriver": {
  "Name": "overlay",
  "Data": {
    "UpperDir":
"/home/user/.local/share/containers/storage/overlay/2ae3cee18c8ef9e0d448649747dab81c4f1ca2714a8c4550eff49574cab2
62c9/diff",
    "WorkDir":
"/home/user/.local/share/containers/storage/overlay/2ae3cee18c8ef9e0d448649747dab81c4f1ca2714a8c4550eff49574cab2
62c9/work"
  }
},
"RootFS": {
  "Type": "layers",
  "Layers": [
    "sha256:2ae3cee18c8ef9e0d448649747dab81c4f1ca2714a8c4550eff49574cab262c9"
  ]
},
"Labels": {
  "maintainer": "Clement Verna \u003ccverna@fedoraproject.org\u003e"
},
"Annotations": {},

```

```

"ManifestType": "application/vnd.docker.distribution.manifest.v2+json",
"User": "",
"History": [
  {
    "created": "2019-01-16T21:21:55.569693599Z",
    "created_by": "/bin/sh -c #(nop) LABEL maintainer=Clement Verna
\u003ccverna@fedoraproject.org\u003e",
    "empty_layer": true
  },
  {
    "created": "2019-09-27T21:21:07.784469821Z",
    "created_by": "/bin/sh -c #(nop) ENV DISTTAG=f31-updates-candidatecontainer
FGC=f31-updates-candidate FBR=f31-updates-candidate",
    "empty_layer": true
  },
  {
    "created": "2019-10-29T03:23:37.355187998Z",
    "created_by": "/bin/sh -c #(nop) ADD
file:298f828afc880ccde9205fc4418435d5e696ad165e283f0530d0b1a74326d6dc in / "
  },
  {
    "created": "2019-10-29T03:23:37.695123423Z",
    "created_by": "/bin/sh -c #(nop) CMD [\"/bin/bash\"]",
    "empty_layer": true
  }
],
"NamesHistory": []
}
]
# podman inspect a04 --format "{{.ImageName}}"
fedora
# podman inspect a04 --format "{{.GraphDriver.Name}}"
overlay

```

```
# podman image inspect --format "size: {{.Size}}" alpine
```

```
size: 4405240
```

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

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

```
# podman inspect myPod --type pod --format "{{.Name}}"
```

```
myPod
```

```
# podman inspect myVolume --type volume --format "{{.Name}}"
```

```
myVolume
```

```
# podman inspect myNetwork --type network --format "{{.name}}"
```

```
myNetwork
```

SEE ALSO

podman(1), podman-container-inspect(1), podman-image-inspect(1), podman-network-inspect(1), podman-pod-inspect(1), podman-volume-inspect(1).

HISTORY

July 2017, Originally compiled by Dan Walsh dwalsh@redhat.com ?mailto:dwalsh@redhat.com?

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