docker-machine inspect

*Estimated reading time: 1 minute*

Usage: docker-machine inspect [OPTIONS] [arg...]

Inspect information about a machine

Description:

Argument is a machine name.

Options:

--format, -f Format the output using the given go template.

By default, this will render information about a machine as JSON. If a format is specified, the given template will be executed for each result.

Go’s [text/template](http://golang.org/pkg/text/template/) package describes all the details of the format.

In addition to the text/template syntax, there are some additional functions, json and prettyjson, which can be used to format the output as JSON (documented below).

Examples

**List all the details of a machine:**

This is the default usage of inspect.

$ docker-machine inspect dev

{

"DriverName": "virtualbox",

"Driver": {

"MachineName": "docker-host-128be8d287b2028316c0ad5714b90bcfc11f998056f2f790f7c1f43f3d1e6eda",

"SSHPort": 55834,

"Memory": 1024,

"DiskSize": 20000,

"Boot2DockerURL": "",

"IPAddress": "192.168.5.99"

},

...

}

**Get a machine’s IP address:**

For the most part, you can pick out any field from the JSON in a fairly straightforward manner.

$ docker-machine inspect --format='{{.Driver.IPAddress}}' dev

192.168.5.99

**Formatting details:**

If you want a subset of information formatted as JSON, you can use the json function in the template.

$ docker-machine inspect --format='' dev-fusion

{"Boot2DockerURL":"","CPUS":8,"CPUs":8,"CaCertPath":"/Users/hairyhenderson/.docker/machine/certs/ca.pem","DiskSize":20000,"IPAddress":"172.16.62.129","ISO":"/Users/hairyhenderson/.docker/machine/machines/dev-fusion/boot2docker-1.5.0-GH747.iso","MachineName":"dev-fusion","Memory":1024,"PrivateKeyPath":"/Users/hairyhenderson/.docker/machine/certs/ca-key.pem","SSHPort":22,"SSHUser":"docker","SwarmDiscovery":"","SwarmHost":"tcp://0.0.0.0:3376","SwarmMaster":false}

While this is usable, it’s not very human-readable. For this reason, there is prettyjson:

$ docker-machine inspect --format='{{prettyjson .Driver}}' dev-fusion

{

"Boot2DockerURL": "",

"CPUS": 8,

"CPUs": 8,

"CaCertPath": "/Users/hairyhenderson/.docker/machine/certs/ca.pem",

"DiskSize": 20000,

"IPAddress": "172.16.62.129",

"ISO": "/Users/hairyhenderson/.docker/machine/machines/dev-fusion/boot2docker-1.5.0-GH747.iso",

"MachineName": "dev-fusion",

"Memory": 1024,

"PrivateKeyPath": "/Users/hairyhenderson/.docker/machine/certs/ca-key.pem",

"SSHUser": "docker",

"SwarmDiscovery": "",

"SwarmHost": "tcp://0.0.0.0:3376",

"SwarmMaster": false

}