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

$ man podman-image-search.1

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

NAME

   podman-search - Search a registry for an image

SYNOPSIS

   podman search [options] term

DESCRIPTION

   podman search searches a registry or a list of registries for a match?

   ing image. The user can specify which registry to search by prefixing

   the registry in the search term (e.g., registry.fedoraproject.org/fe?

   dora). By default, all unqualified-search registries in containers-

   registries.conf(5) are used.

   The default number of results is 25. The number of results can be lim?

   ited using the --limit flag.   If more than one registry is being

   searched, the limit will be applied to each registry. The output can be

   filtered using the --filter flag. To get all available images in a reg?

   istry without a specific search term, the user can just enter the reg?

   istry name with a trailing "/" (example registry.fedoraproject.org/).

   Note that podman search is not a reliable way to determine the presence

or existence of an image. The search behavior of the v1 and v2 Docker

distribution API is specific to the implementation of each registry.

Some registries may not support searching at all. Further note that

searching without a search term will only work for registries that im?

plement the v2 API.

podman [GLOBAL OPTIONS]

podman search [GLOBAL OPTIONS]

podman search [OPTIONS] TERM

OPTIONS

--authfile=path

Path of the authentication file. Default is ${XDG_RUNTIME_DIR}/contain?

ers/auth.json, which is set using podman login. If the authorization

state is not found there, $HOME/.docker/config.json is checked, which

is set using docker login.

Note: There is also the option to override the default path of the au?

thentication file by setting the REGISTRY_AUTH_FILE environment vari?

able. This can be done with export REGISTRY_AUTH_FILE=path.

--compatible

After the name and the description, also show the stars, official and

automated descriptors as Docker does. Podman does not show these de?

scriptors by default since they are not supported by most public con?

tainer registries.

--filter, -f=filter

Filter output based on conditions provided (default [])

Supported filters are:

  ? stars (int - number of stars the image has)

  ? is-automated (boolean - true | false) - is the image automated

    or not

  ? is-official (boolean - true | false) - is the image official

    or not

--format=format

Change the output format to a Go template

Valid placeholders for the Go template are listed below:

```
??????????????????????????????????????????????????
?Placeholder  ? Description            ?
??????????????????????????????????????????????????
?.Index      ? Registry               ?
??????????????????????????????????????????????????
?.Name       ? Image name             ?
??????????????????????????????????????????????????
?.Description ? Image description         ?
??????????????????????????????????????????????????
?.Stars      ? Star count of image       ?
??????????????????????????????????????????????????
?.Official    ? "[OK]" if image is official  ?
??????????????????????????????????????????????????
?.Automated   ? "[OK]" if image is automated ?
??????????????????????????????????????????????????
?.Tag        ? Repository tag           ?
??????????????????????????????????????????????????
```
Note: use .Tag only if the --list-tags is set.

--help, -h

Print usage statement

--limit=limit

Limit the number of results (default 25). Note: The results from each
registry will be limited to this value. Example if limit is 10 and two
registries are being searched, the total number of results will be 20,
10 from each (if there are at least 10 matches in each). The order of
the search results is the order in which the API endpoint returns the
results.

--list-tags

List the available tags in the repository for the specified image.
Note: --list-tags requires the search term to be a fully specified im‐
age name. The result contains the Image name and its tag, one line for
every tag associated with the image.

--no-trunc

Do not truncate the output (default false).

  --tls-verify

Require HTTPS and verify certificates when contacting registries (de?

fault: true). If explicitly set to true, TLS verification will be

used. If set to false, TLS verification will not be used. If not

specified, TLS verification will be used unless the target registry is

listed as an insecure registry in containers-registries.conf(5)

EXAMPLES

     $ podman search --limit 3 fedora

     NAME   DESCRIPTION

     registry.centos.org/centos

     registry.centos.org/cdrage/mosh-centos7

     registry.centos.org/centos/bind

     docker.io/library/centos   The official build of CentOS.

     docker.io/jdeathe/centos-ssh   OpenSSH / Supervisor / EPEL/IUS/SCL Repos - ...

     docker.io/ansible/centos7-ansible   Ansible on Centos7

     quay.io/centos/centos   The official CentOS base containers.

     quay.io/ukhomeofficedigital/centos-base

     quay.io/quarkus/centos-quarkus-maven   Quarkus.io builder image for building Quarku...

Note that the Stars, Official and Automated descriptors are only avail?

able on Docker Hub and are hence not displayed by default.

     $ podman search --format "{{.Name}}\t{{.Stars}}\t{{.Official}}" alpine --limit 3

     docker.io/library/alpine   7956   [OK]

     docker.io/alpine/git   192

     docker.io/anapsix/alpine-java 474

     quay.io/libpod/alpine   0

     quay.io/vqcomms/alpine-tools   0

     quay.io/wire/alpine-deps   0

     $ podman search --list-tags registry.access.redhat.com/ubi8 --limit 4

     NAME   TAG

     registry.access.redhat.com/ubi8 8.4-211

     registry.access.redhat.com/ubi8 8.4-206.1626828523-source

     registry.access.redhat.com/ubi8 8.4-199

registry.access.redhat.com/ubi8 8.4-211-source

Note: This works only with registries that implement the v2 API. If

tried with a v1 registry an error will be returned.

FILES

registries.conf (/etc/containers/registries.conf)

registries.conf is the configuration file which specifies which con?

tainer registries should be consulted when completing image names which

do not include a registry or domain portion.

SEE ALSO

podman(1), containers-registries(5)

HISTORY

January 2018, Originally compiled by Urvashi Mohnani umohnani@red?

hat.com ?mailto:umohnani@redhat.com?

<div align="center">podman-search(1)</div>