

How to access the volume in host in docker for windows

Asked 2 years, 8 months ago Modified 2 years ago Viewed 5k times

I run the docker for Windows and ubuntu in WSL. When I run the following command

```
docker volume create test
docker volume inspect test
```

I get the following output

```
[
  {
    "driver": "local",
    "labels": {},
    "mountpoint": "/var/lib/docker/volumes/test/_data",
    "name": "test",
    "options": {},
    "scope": "local"
  }
]
```

when I access the location, I get `bash: cd: /var/lib/docker/volumes: No such file or directory`

So how should I access the folder?

docker windows-subsystem-for-linux

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edited Jul 3, 2020 at 19:39

김선달 1,358 ● 8 ● 22

asked Oct 15, 2019 at 14:28

asuka 33 ● 1 ● 4

2 Answers

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The directory is is protected so you can `cd` into it, however you can `ls` the contents:

```
3 sudo ls /wsl/docker-desktop-data/data/docker/volumes/test/_data
```

I've modified my WSL set up as per [this article](#) so you may find your path is different. I think the default path is probably `//mnt/wsl/docker-desktop-data/data/docker/volumes/test/_data`

You might find it more useful to mount a directory in your Windows user folder which can be done by changing the WSL mount point as per the article linked to above and then running:

```
docker volume create --driver local --name test --opt device=/run/desktop/mnt/host/c/Users/usernameo/test --opt type=none --opt o=bind
```

(assuming you've got a folder called `test` at the root of your Windows user directory)

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answered Dec 17, 2019 at 23:08

Nick Graham 1,011 ● 2 ● 10 ● 18

Unfortunately none of these path exist on my machine (i used the same article to set it up). But using a custom folder i have been sucessful. – [maggie](#) Apr 16, 2020 at 5:53

based on [@nick's](#) answer

- From linux `sudo ls /mnt/wsl/docker-desktop-data/data/docker/volumes`
- From windows: `\\wsl$docker-desktop-data\mnt\wsl\docker-desktop-data\data\docker\volumes`

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answered Feb 20, 2020 at 10:01

Mahmoud Samy 2,752 ● 7 ● 33 ● 73