

# Docker Compose prompted error: no configuration file provided: not found

Asked 3 years, 9 months ago Modified 5 months ago Viewed 358k times



I had setup Docker Desktop with Windows WSL integration version 2 and I run into issue when execute certain `docker compose` command with following errors

139



```
docker compose logs
no configuration file provided: not found
```



However, there were no problem found when executing the following



```
docker compose up
```

and image built and fired up successfully.

Is there anyone who can help with this?

## Output of `docker info`

```
Client:
Context:    default
Debug Mode: false
Plugins:
  buildx: Docker Buildx (Docker Inc., v0.7.1)
  compose: Docker Compose (Docker Inc., v2.2.1)
  scan: Docker Scan (Docker Inc., 0.9.0)

Server:
Containers: 3
  Running: 3
  Paused: 0
  Stopped: 0
Images: 4
Server Version: 20.10.11
Storage Driver: overlay2
  Backing Filesystem: extfs
  Supports d_type: true
  Native Overlay Diff: true
  userxattr: false
Logging Driver: json-file
Cgroup Driver: cgroupfs
Cgroup Version: 1
Plugins:
  Volume: local
  Network: bridge host ipvlan macvlan null overlay
```

```

Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk
syslog
Swarm: inactive
Runtimes: io.containerd.runc.v2 io.containerd.runtime.v1.linux runc
Default Runtime: runc
Init Binary: docker-init
containerd version: 7b11cfaabd73bb80907dd23182b9347b4245eb5d
runc version: v1.0.2-0-g52b36a2
init version: de40ad0
Security Options:
  seccomp
    Profile: default
Kernel Version: 5.10.60.1-microsoft-standard-WSL2
Operating System: Docker Desktop
OSType: linux
Architecture: x86_64
CPUs: 8
Total Memory: 24.95GiB
Name: docker-desktop
ID: FUMA:ZOXR:BA4L:YSOZ:4NQT:HHIZ:ASAD:EJGA:NJRG:S04S:GXN3:JG5H
Docker Root Dir: /var/lib/docker
Debug Mode: false
Registry: https://index.docker.io/v1/
Labels:
Experimental: false
Insecure Registries:
  127.0.0.0/8
Live Restore Enabled: false

WARNING: No blkio throttle.read_bps_device support
WARNING: No blkio throttle.write_bps_device support
WARNING: No blkio throttle.read_iops_device support
WARNING: No blkio throttle.write_iops_device support

```

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edited Jul 25, 2024 at 6:48

[CPPUIX](#)

2,409 ● 8 ● 17 ● 37

asked Dec 7, 2021 at 8:24

[Gan Yi Zhong](#)

2,540 ● 3 ● 11 ● 12

- 10 Try to specify the compose file path like this `docker -compose -f <docker -compose .yaml> logs`  
 – [David](#) Dec 7, 2021 at 8:58

20 Answers

Sorted by:

Highest score (default)





execute docker-compose command where docker-compose.yml file located at should resolved it.

105

or specify the docker-compose.yml file as bellow



```
docker-compose -f <docker-compose.yml> logs
```



as suggested



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answered Dec 7, 2021 at 9:10



Gan Yi Zhong

2,540 ● 3 ● 11 ● 12

! Sign up to request clarification or add additional context in comments.



## 2 Comments

Add a comment



Rob Sedgwick Over a year ago

I copied an old example without the yml extension (I guess once upon a time it wasn't needed). Adding it worked.

1

Reply



trapper\_hag Over a year ago

This fixed it for me. I had made the noob mistake of thinking that 'docker compose down' would bring down whatever was running from the dir I was in - which it will if your compose file has the default name of 'docker-compose.yml' but it won't if your compose file is called something else.

0

Reply



Just had the very same issue on Ubuntu 22.04.3 LTS (Jammy) with a minimal server install that had the "docker" checked during the installation. It appears that the installer choose to install the **snap** version of docker, resulting in this error:

23



```
root@server:/srv/project# docker compose -f docker-compose.yml up
stat /var/lib/snapd/void/docker-compose.yml: no such file or directory
```



I removed the snap version ( `snap remove docker` ), then followed the [official installation steps](#) and added the compose plugin ( `apt install docker-compose` ). I needed to remove the link to the snap binary ( `rm /snap/bin/docker` ) and updated my PATH (as in a logout / login) and voilà.

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edited Jan 4, 2024 at 13:49

answered Jan 4, 2024 at 13:42



ponsfrilus

1,399 ● 1 ● 19 ● 29

## 2 Comments ▼

Add a comment



**d.k** Over a year ago

For me the reason was that I used the `-f file` option after the `up / down` command. It must be used **before**

▲ 0 Reply ⋮



**a0m0rajab** Oct 15, 2024 at 5:32

Here is the reason of the snap issue: [stackoverflow.com/questions/53304396/...](https://stackoverflow.com/questions/53304396/)

▲ 0 Reply ⋮



For anyone who's getting

**14**

```
no configuration file provided: not found
```

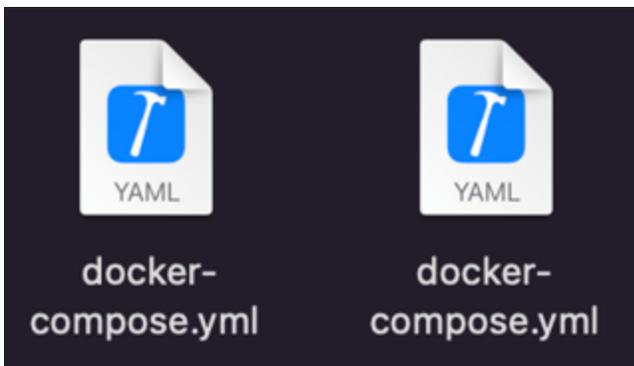


I was getting the same message on Mac trying to execute

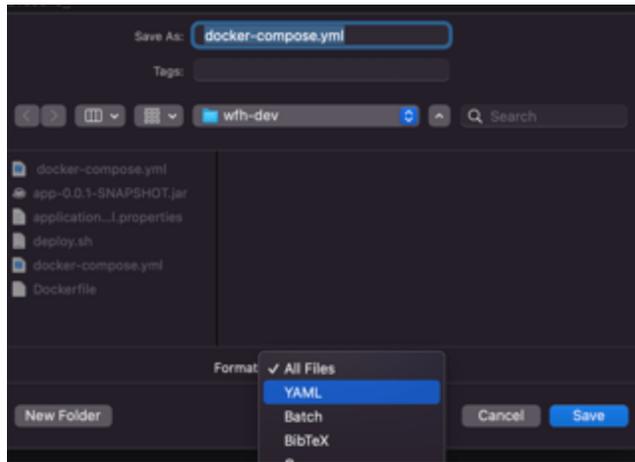


```
docker-compose up
```

The problem was with `docker-compose.yml` file. I saved it from Visual Studio Code as a text file though OS determined it like a proper YAML file. Look at the screenshot: left file is wrong but seems the same.



Make sure you select YAML format when you saving it.



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answered Jun 15, 2022 at 12:44

 **Viktor Born**  
406 ● 4 ● 8

## 1 Comment ▼

Add a comment



**denstran** Oct 13, 2024 at 10:39

God, I was sitting with the same problem for 20 minutes already... Dude, thank you so much, I have no idea why my docker-compose file was saved as text file when I was creating it from IntelliJ Idea

 1  Reply 

My configuration:

- Ubuntu Server 22.04.4 LTS
- Docker installed via snap

## Solution

Move docker-compose.yml file under a user home directory (ie `/home/p1ex`) and run `docker compose up -d` in this directory.

## Additional Context

I was originally planning to aggregate all my containers into `/opt/stacks`. Referencing compose files outside a user home directory results in the error message even if you use a fully qualified path (`-f` option)



udance4ever

131 ● 2 ● 6

### 4 Comments ▼

Add a comment



Nicolae Namolovan Over a year ago

Hey, this helped, thanks!

▲ 1 Reply ...



Tyler Anderson Oct 1, 2024 at 15:23

this helped me realize my issues were because of snap. It wasn't allowing anything to run outside of /home. I ended up removing snap and using the official docker installation.

▲ 1 Reply ...



magikarp Jul 31 at 7:00

Is this documented? Any clue why this is the case?

▲ 0 Reply ...



udance4ever Aug 1 at 17:58

@magikarp looks like it's related to the "confinement" of the Docker snap package: [askubuntu.com/questions/1517669/...](https://askubuntu.com/questions/1517669/)

▲ 1 Reply ...



2



1. Docker Compose version v2.17.2
2. Docker version 24.0.5, build ced0996
3. Ubuntu 22.04.3 LTS

In my case the problem was that from some point the command became `docker compose`, but not `docker -compose`. So the valid command is `docker compose up -d`.



<https://docs.docker.com/compose/migrate/>



Potato

495 ● 7 ● 17

### Comments

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## Issue with Docker Installation via Snap

1

While attempting to install Docker using Snap, I encountered the issue. However, I resolved it by uninstalling the Snap version and opting for the apt installation method instead.



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answered Jun 10, 2024 at 5:07



Hisham Elsayad

484 ● 6 ● 13



## 1 Comment

Add a comment



operator Over a year ago

[askubuntu.com/questions/1374480/...](https://askubuntu.com/questions/1374480/) - Answer is correct if it is installed with Ubuntu directly on Installation Wizard. Just reinstall ist with apt.

▲ 0

Reply



Please check the name of the file given. In my case I gave the name dockercompose.yml but it should be like docker-compose.yml. It worked after changing the name of the file

1

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answered Jan 18 at 7:04



Madhu

49 ● 6



## Comments

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Faced the same issue on a Windows PC. The problem was with the extension of the file being assumed by the OS as a *known file type*.

0



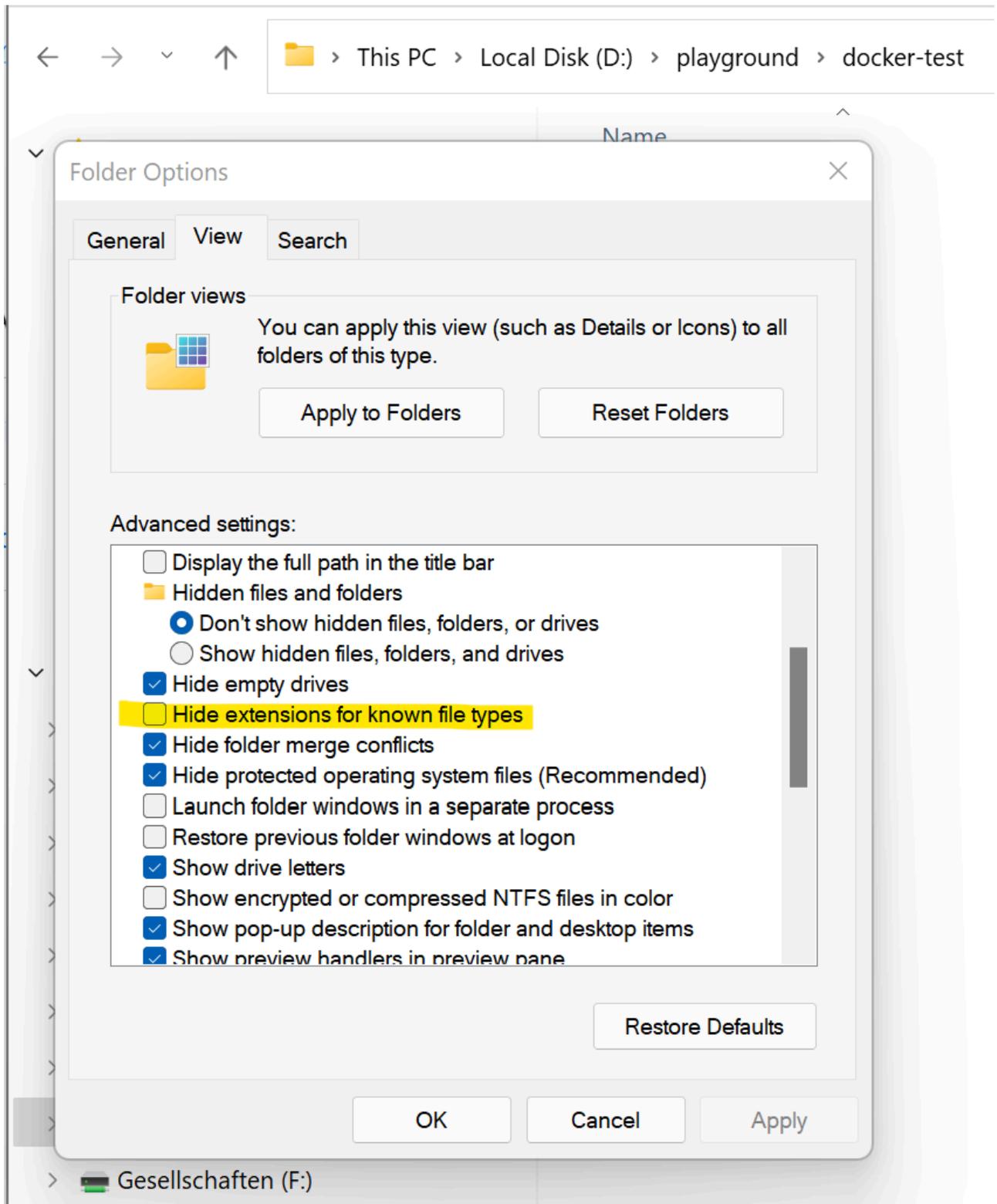
## Solution

Go to Folder options and disable the `Hide extensions for known file types`.



You should be able to see the *actual* file extension which may looked like proper .txt files now (instead of `.yml`). Rename the file(s) accordingly, run the command again and viola!





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answered Oct 12, 2022 at 9:36



Ahmad Baktash Hayeri

5,900 4 32 43

### Comments

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I was getting the similar error on windows 10 and corrected the same by saving my .yaml file again with type as "All files" and extension as .yaml. Before this windows was saving it as text file due to which it was giving error.

0



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answered Mar 10, 2023 at 8:12



pndey

187 ● 1 ● 5



## Comments

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I was facing the same issue (while trying to view logs from all services in a compose file) and the top answer here solved it for me with just a small variation.

0



- I had a custom docker-compose file (for example, docker-compose.custom.yaml)
- I had to use "docker compose" instead of "docker-compose"



So the below command worked for me:



```
docker compose -f docker-compose.custom.yaml logs --follow
```

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answered Oct 26, 2023 at 14:27



Hariharan Narayanan

491 ● 4 ● 11

## Comments

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In my case, I spelt the file wrongly. I used=> docker.compose.yaml rather than=> docker-compose.yaml

0

so check the spelling of the file. it must match the command



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answered Dec 24, 2023 at 16:02



Vax

97 ● 3



## Comments

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for those who may have an issue with `Error response from daemon: Conflict. The container name "db" is already in use by container "id". You have to remove (or rename) that container to be able to reuse that name.`

0



1. check to see which container running on your machine `docker ps -a`

2. delete the desired container `docker rm [contianer name]`

3. create the container new `docker compose -f [where docker data located]/[docker yml file] up --force-recreate --build -d`



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answered Feb 5, 2024 at 11:30



Raminadeeb

29 ● 3

## Comments

Add a comment



When I downloaded YAML file it came with `docker-compose3.yml` file name. From that I am getting this issue.

0

So, when I renamed above file to `docker-compose.yml` name and started docker with this command `docker compose up` it is working fine for kafka.



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edited May 25, 2024 at 14:46

answered May 24, 2024 at 20:54



Alez

2,837 ● 10 ● 29 ● 38



VIRAJ SHAH

1

## Comments

Add a comment



Download docker from the official website as per the following steps will remove this error. This is the best solution among all in internet I found.

0

### Step 1:

Update the APT Package Index



First, update the existing list of packages:

```
sudo apt-get update
```



### Step 2:

Install Required Packages

Install the necessary packages for allowing apt to use repositories over HTTPS:

```
sudo apt-get install -y \  
  ca-certificates \  
  curl \  
  gnupg \  
  lsb-release
```

### Step 3:

Add Docker's Official GPG Key

Add Docker's official GPG key to your system:

```
sudo mkdir -p /etc/apt/keyrings  
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o  
/etc/apt/keyrings/docker.gpg
```

### Step 4:

Set Up the Docker APT Repository

Add the Docker APT repository to your system:

```
echo \  
  "deb [arch=$(dpkg --print-architecture) signed-  
  by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \  
  ${lsb_release -cs} stable" | sudo tee /etc/apt/sources.list.d/docker.list >  
  /dev/null
```

### Step 5:

Update the APT Package Index Again

Update the package index again to include the Docker packages from the newly added repository:

```
sudo apt-get update
```

### Step 6:

Install Docker Engine, CLI, and Containerd

Install the latest version of Docker Engine, Docker CLI, and containerd:

```
sudo apt-get install -y docker-ce docker-ce-cli containerd.io docker-buildx-
```

```
plugin docker-compose-plugin
```

Through above step, you will end up with above **"error: no configuration file provided: not found"**.

### Note:

If you try below commands

```
sudo apt-get docker // or  
sudo snap install docker
```

the above command will result with the same error.

The only solution is to follow above steps.

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answered Jul 28, 2024 at 8:39



Sanket Vekariya

2,976 ● 3 ● 14 ● 35

## Comments

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0



Although this answer isn't too related to OP question but for those having similar output error like OP:

```
no configuration file provided: not found
```

but getting error when trying to get the configuration file of the **.yaml (or .yml, either way works)** for let's say, checking correct environment variable replaced by using interpolation syntax:

```
docker-compose config  
docker compose config
```

If your **.yaml (or .yml)** file is the same like Docker's default recognisable file (**docker-compose.yaml or docker-compose.yml**), then go to the folder that you place it and run the above command again, it will work.

But if your file is a custom named one (which in my case, **docker-compose.dev.yaml**), then you will have to use the **-f** flag to be able to have the desired command output, as Docker only recognises **docker-compose.yaml (or docker-compose.yml)** file by default:

```
docker-compose -f <the-name-of-your-YAML-or-YML-file> config
```

```
docker compose -f <the-name-of-your-YAML-or-YML-file> config
```

Hope this helps!

*P/s: I'm not a native English speaker so some of the sentencing might sound oddly complicated or hard to understand. Sorry for that T-T*

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answered Mar 7 at 8:01



DeepInDark

71 ● 1 ● 4

### Comments

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0

This solved the issue for me.

Create a file with the name "metadata.json" in the same directory as your compose.yml (legacy name: docker-compose.yml) file.



The metadata.json file must have the following content:



```
{
  "ComposeFilePath": "./compose.yml"
}
```

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answered Apr 26 at 11:23



Stephen Stephenson

656 ● 2 ● 9 ● 13

### Comments

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-1

I was facing the same issue on Windows PowerShell . I was using the docker-compose up command from within the newly created directory located in C:\WINDOWS\system32\ .

In my case, I rectified the problem by moving it to C:\Users\



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edited Jan 7, 2022 at 12:23

answered Jan 7, 2022 at 4:36



Abhishek Dutt

1,422 ● 7 ● 18 ● 27



A.Biswas

1 ● 1

### 1 Comment ▼

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 [Community](#) Over a year ago

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On Windows, I had to run:

-1

```
docker compose up --file .\config.yml -d
```



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edited Jul 25, 2024 at 6:44

answered Jul 25, 2024 at 1:00



 [CPPUIX](#)  
2,409 ● 8 ● 17 ● 37

 [Peter pete](#)  
712 ● 1 ● 7 ● 17



### Comments

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Go to the directory containing config file. This has to solve your issue.

-2

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answered Sep 20, 2024 at 17:36



 [Andrey S](#)  
27 ● 1



### 1 Comment ▼

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 [Nico Haase](#) Over a year ago

What does "go" mean? How does that resolve the problem?

▲ 2 Reply ⋮

Double check the spelling of your files.



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edited Jul 25, 2024 at 6:45

answered Mar 7, 2022 at 11:17

-4



CPPUIX

2,409 ● 8 ● 17 ● 37



Ali: Alison Wasserfall

Wass 19 ● 1 ● 3



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