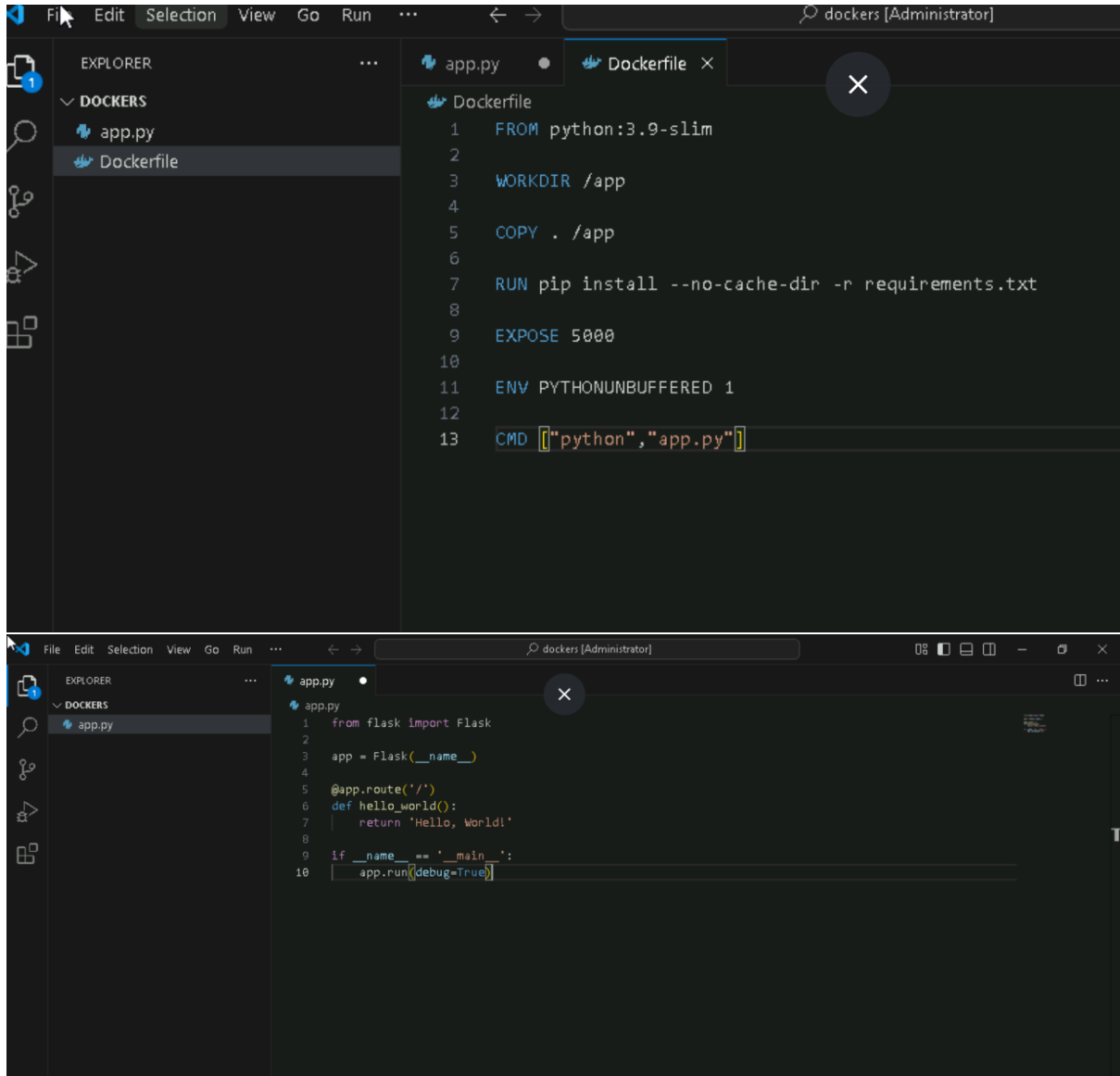


JENKINS WITH DOCKERS

INKOOLU PADMA KIREETI

289243



→ ↻ https://github.com/KIREETI1234/dockerwithjenkins/blob/main/Jenkinsfile

main dockerwithjenkins / Jenkinsfile ↑ Top

Code Blame 29 lines (25 loc) · 705 Bytes

Raw Download Edit

```
stages {
  stage('Clone Repository') {
    steps {
      git url:'https://github.com/KIREETI1234/dockerwithjenkins.git',branch: 'main'
    }
  }

  stage('Build Docker Image') {
    steps {
      sh 'docker build -t $DOCKER_IMAGE .'
    }
  }

  stage('Push Docker Image') {
    steps {
      withDockerRegistry(credentialsId: 'docker-hub-credentials', url: 'https://index.docker.io/v1/') {
        sh 'docker push $DOCKER_IMAGE'
      }
    }
  }
}
```

KIREETI1234/dockerwithjenkins dockerwithjenkins [Jenkins]

github.com/KIREETI1234/dockerwithjenkins

KIREETI1234 / dockerwithjenkins

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main 1 Branch 0 Tags

Go to file t Add file <> Code

KIREETI1234 Second Commit 9e2c0b4 · now 3 Commits

Dockerfile	Initial commit	19 minutes ago
Jenkinsfile	Initial commit	19 minutes ago
README.md	Initial commit	now
app.py	Second Commit	now
requirements.txt	Second Commit	now

README

About

No description, website, or topics provided.

- Readme
- Activity
- 0 stars
- 1 watching
- 0 forks

Releases

No releases published





Create a new release

Activate Windows


Go to Settings to activate Windows.

Packages

Credentials

T	P	Store	Domain	ID	Name
		System	(global)	jenkins-slave	root
		System	(global)	github-credentials	KIREETI1234/*****
		System	(global)	docker-hub-credentials	kireeti1234/*****

Stores scoped to Jenkins

P	Store	Domains
	System	(global)

Workstation

jenkins-docker

Jenkins » Cred

dockerwithjen

Docker not fou

Docker Hub Co

Personal acces

https://app.docker.com/settings/personal-access-tokens

Account information

Email

Password

2FA

Personal access tokens

Connected accounts

Convert

Deactivate

Personal access tokens

You can use a personal access token instead of a password for Docker CLI authentication. Create multiple tokens, control their scope, and delete tokens at any time. [Learn more](#)

✓ Successfully updated personal access token.

Generate new token

Description	Scope	Status	Source	Created	Last used	Expiration date
jk-dk	Read, Write, Delete	Active	Manual	Mar 04, 2025 at 17:19:06	Never	Never
Generated through de...	Read, Write, Delete	Active	Auto-generated	Mar 04, 2025 at 14:47:15	Never	Never

Rows per page: 10 1-2 of 2

jenkins-dockers

jenkins-dockers

Dashboard > jenkins-dockers >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Favorite

Open Blue Ocean

Stages

Rename

Pipeline Syntax

jenkins-dockers

Add description

Stage View

Average stage times:
(full run time: ~41s)

	Declarative: Checkout SCM	Clone Repository	Build Docker Image	Push Docker Image
17:21 No Changes	1s	1s	11s	24s
17:14 No Changes	1s	1s	12s	171ms failed
17:11 No Changes	1s	1s	32s	292ms failed

jenkins-dockers #6 Console

jenkins-dockers #6


```
10007f0c0d17: Pushed
a86bcfd35150: Pushed
4a0e2c276a6a: Mounted from library/python
5f1ee22ffb5e: Mounted from library/python
5b235fdc7244: Pushed
latest: digest: sha256:f2a8f7877d6aae69b4c700f7e9c42794840190819c7a3be0dce8ba5992456cbc size:
1785
[Pipeline] }
[Pipeline] // withDockerRegistry
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.492.1

Workstation | Home | Master | Node1 | WinNo... | jenkins-docker... | Jenkins » Cred... | dockerwithjen... | Docker not fou... | Docker Hub Co... | kireeti1234's P...




Introducing our new CEO Don Johnson - Read More →

dockerhub | Explore | Repositories | Organizations | Usage | Search Docker... | ctrl+K

 **kireeti1234** [Edit profile](#)
Community User

Repositories | Starred | Contributed

Search by repository name | Displaying 1 to 1 of 1 repositories

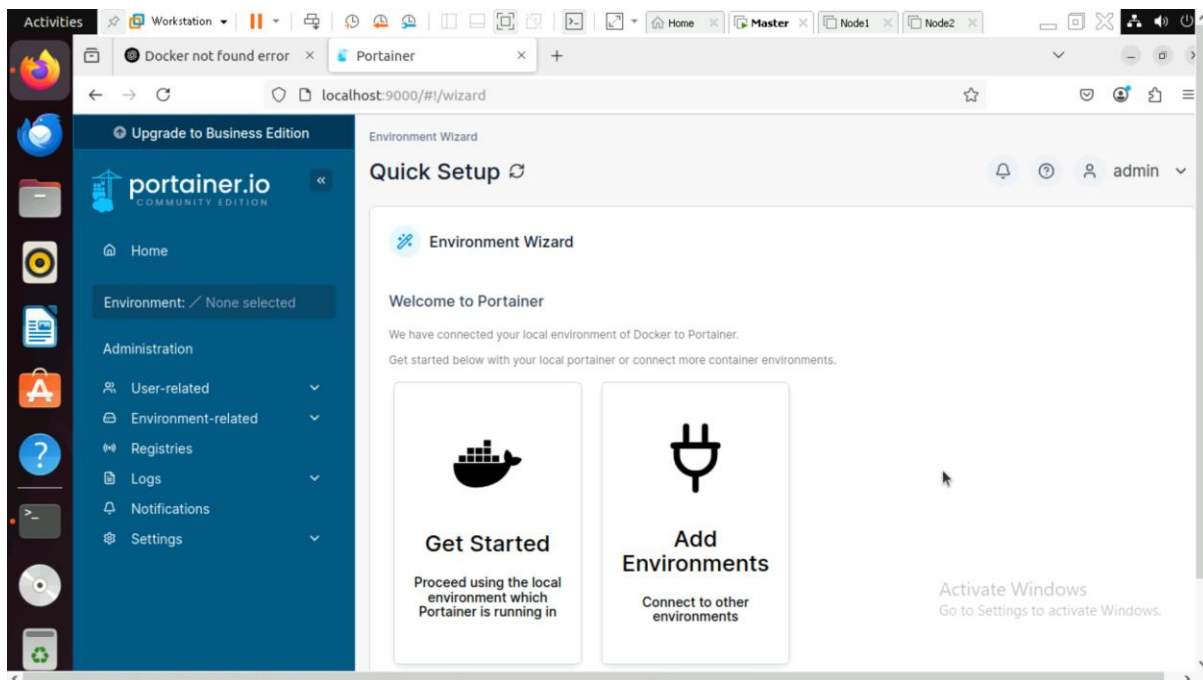
 **kireeti1234/my-flask-app** [By kireeti1234](#) • Updated 2 minutes ago |  0 •  0

DOCKERS AND NGINX

```
master@master-vm: ~/Desktop
master@master-vm:~/Desktop$ sudo chmod a+r /etc/apt/keyrings/docker.asc
master@master-vm:~/Desktop$ echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
master@master-vm:~/Desktop$ sudo apt update
Get:1 https://download.docker.com/linux/ubuntu jammy InRelease [48.8 kB]
Hit:2 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:3 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages [45.7 kB]
Hit:4 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Hit:5 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease
Fetched 94.5 kB in 1s (72.1 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
20 packages can be upgraded. Run 'apt list --upgradable' to see them.
master@master-vm:~/Desktop$ sudo apt install -y docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  bridge-utils ubuntu-fan
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  docker-ce-rootless-extras libslirp0 slirp4netns
Suggested packages:
  cgroupfs-mount | cgroup-lite
The following packages will be REMOVED:
  containerd docker.io runc
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli
  docker-ce-rootless-extras docker-compose-plugin libslirp0 slirp4netns
0 upgraded, 8 newly installed, 3 to remove and 20 not upgraded.
Need to get 120 MB of archives.
After this operation, 138 MB of additional disk space will be used.
Get:1 https://download.docker.com/linux/ubuntu jammy/stable amd64 containerd.io amd64 1.7.25-1 [29.6 MB]
```

```
master@master-vm: ~/Desktop
Unpacking libslirp0:amd64 (4.6.1-1build1) ...
Selecting previously unselected package slirp4netns.
Preparing to unpack .../7-slirp4netns_1.0.1-2_amd64.deb ...
Unpacking slirp4netns (1.0.1-2) ...
Setting up docker-buildx-plugin (0.21.1-1-ubuntu.22.04-jammy) ...
Setting up containerd.io (1.7.25-1) ...
Setting up docker-compose-plugin (2.33.1-1-ubuntu.22.04-jammy) ...
Setting up docker-ce-cli (5:28.0.1-1-ubuntu.22.04-jammy) ...
Setting up libslirp0:amd64 (4.6.1-1build1) ...
Setting up docker-ce-rootless-extras (5:28.0.1-1-ubuntu.22.04-jammy) ...
Setting up slirp4netns (1.0.1-2) ...
Setting up docker-ce (5:28.0.1-1-ubuntu.22.04-jammy) ...
Could not execute systemctl: at /usr/bin/deb-systemd-invoke line 142.
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.9) ...
master@master-vm:~/Desktop$ sudo systemctl start docker
master@master-vm:~/Desktop$ sudo systemctl enable docker
Synchronizing state of docker.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable docker
master@master-vm:~/Desktop$ sudo docker --version
Docker version 28.0.1, build 068a01e
master@master-vm:~/Desktop$ sudo usermod -aG docker $USER
master@master-vm:~/Desktop$ newgrp docker
master@master-vm:~/Desktop$ sudo docker pull portainer/portainer-ce
Using default tag: latest
latest: Pulling from portainer/portainer-ce
436768c74267: Pull complete
d61825c69234: Pull complete
04de093ad5ed: Pull complete
a528983d077c: Pull complete
26eb502a78ed: Pull complete
b2724536dfda: Pull complete
5b45cfb2ea0c: Pull complete
20b115ea6339: Pull complete
8e73efb50b28: Pull complete
```

```
master@master-vm: ~/Desktop
master@master-vm:~/Desktop$ sudo docker run -d -p 9000:9000 --name=portainer --restart=always \
-v /var/run/docker.sock:/var/run/docker.sock \
-v portainer_data:/data \
portainer/portainer-ce
[sudo] password for master:
36226e1b866dc4cb6c5debe1fcb2559e15b1df94a6b719fbd0ec665771179
master@master-vm:~/Desktop$ sudo docker ps
CONTAINER ID   IMAGE                  COMMAND                  CREATED        STATUS        PORTS
36226e1b866d   portainer/portainer-ce "/portainer"            54 seconds ago Up 53 seconds  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp,
[::]:9000->9000/tcp portainer
master@master-vm:~/Desktop$
```




```
Workstation
master@master-vm: ~/Desktop$ docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
7cf63256a31a: Pull complete
bf9acace214a: Pull complete
513c3649bb14: Pull complete
d014f92d532d: Pull complete
9dd21ad5a4a6: Pull complete
943ea0f0c2e4: Pull complete
103f50cb3e9f: Pull complete
Digest: sha256:9d6b58feebd2dbd3c56ab585333d627cc6e281011cfd6050fa4bcf2072c9496
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
master@master-vm: ~/Desktop$ docker run -d -p 8080:80 --name my-nginx nginx
ada485a1774b0439b3eef7bc43dfaf008137eff238df94a6b7a033e22ba952ad
master@master-vm: ~/Desktop$ mkdir nginx_project && cd nginx_project
master@master-vm: ~/Desktop/nginx_project$ nano index.html
master@master-vm: ~/Desktop/nginx_project$ docker run -d -p 8081
docker: 'docker run' requires at least 1 argument

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

See 'docker run --help' for more information
master@master-vm: ~/Desktop/nginx_project$ docker run -d -p 8081:80 --name custom-nginx -v $(pwd):/usr/share/nginx/html nginx
674f47fe3d0e479fb5a34b1869ab9a5a3d8c82381ee7f106ba5f8703953e7f44
master@master-vm: ~/Desktop/nginx_project$
```

Activate Windows
Go to Settings to activate Windows.

```
GNU nano 6.2 index.html *
<!DOCTYPE html>
<html>
<head>
  <title>My Dockerized Nginx</title>
</head>
<body>
<h1>Hello, this is a custom Nginx page inside Docker!</h1>
</body>
</html>
```