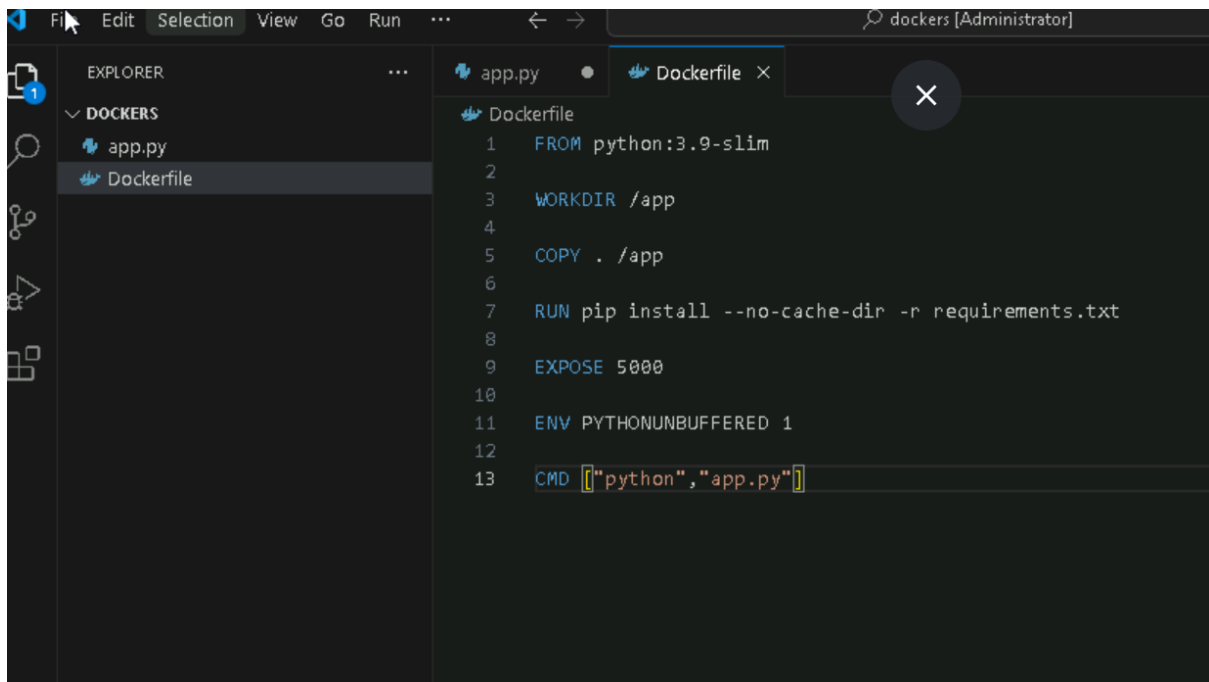
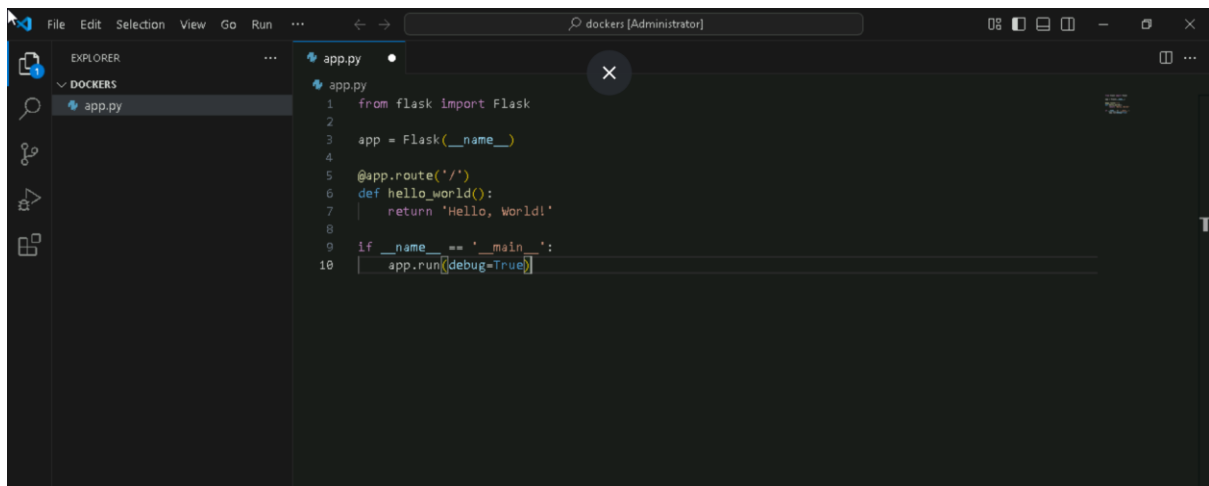


# JENKINS WITH DOCKERS



This screenshot shows the Visual Studio Code interface with a Dockerfile open. The Explorer sidebar on the left shows a folder named 'DOCKERS' containing 'app.py' and 'Dockerfile'. The Dockerfile content is as follows:

```
1 FROM python:3.9-slim
2
3 WORKDIR /app
4
5 COPY . /app
6
7 RUN pip install --no-cache-dir -r requirements.txt
8
9 EXPOSE 5000
10
11 ENV PYTHONUNBUFFERED 1
12
13 CMD ["python", "app.py"]
```



This screenshot shows the Visual Studio Code interface with 'app.py' open. The Explorer sidebar on the left shows the 'DOCKERS' folder with 'app.py' selected. The app.py content is as follows:

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route('/')
6 def hello_world():
7     return 'Hello, World!'
8
9 if __name__ == '__main__':
10     app.run(debug=True)
```

→ ↻ 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'
      }
    }
  }
}
```

← → ↻ github.com/arjunkoppineni/docker-jenkins

arjunkoppineni / docker-jenkins

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docker-jenkins Public Pin Unwatch 1 Fork 1 Star 0

main 1 Branch 0 Tags

Go to file Add file <> Code

arjunkoppineni Update Jenkinsfile 969afa6 · yesterday 9 Commits

Dockerfile	first commit	yesterday
Jenkinsfile	Update Jenkinsfile	yesterday
README.md	Initial commit	yesterday
app.py	first commit	yesterday
requirements.txt	first commit	yesterday

README

About

No description, website, or topics provided.

- Readme
- Activity
- 0 stars
- 1 watching
- 1 fork


Releases

No releases published


Create a new release

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-docke...

Jenkins » Crede...

dockerwithjeni...

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

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
#5 17:21 No Changes	1s	1s	11s	24s
#5 17:14 No Changes	1s	1s	12s	171ms failed
#4 17:11 No Changes	1s	1s	32s	292ms

jenkins-dockers #6 Console

Dashboard > jenkins-dockers > #6

```
10007c0017: 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

docker.desktop

PERSONAL

Q Search

Ctrl+K

H

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

[Give feedback](#)

Container CPU usage ⓘ

No containers are running.

Container memory usage ⓘ

No containers are running.

Q Search

Only show running containers

		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Action
<input type="checkbox"/>	<div></div>	recurring_brahr	062e685be73c	flask-app	5000:5000	N/A	2 seconds	<div></div>
<input type="checkbox"/>	<div></div>	laughing_boum	58c6d2d27b15	swarm:late		N/A	2 months	<div></div>