

File Edit Selection View Go Run Terminal Help

db-k8s-deploy.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

db-k8s-deploy.yaml 1

db-k8s-pvc.yaml

db-k8s-svc.yaml

react-k8s-deploy.yaml 1

react-k8s-svc.yaml

spring-k8s-deploy.yaml 1

spring-k8s-svc.yaml

! db-k8s-deploy.yaml 1 x

! spring-k8s-deploy.yaml 1

! spring-k8s-svc.yaml

! react-k8s-svc.yaml

db-k8s-deploy.yaml > {} spec > {} template > {} spec > [] containers > {} 0 > [] env > {} 0 > value

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io.k8s.api.apps.v1.Deployment (v1@deployment.json)

apiVersion: apps/v1

kind: Deployment

metadata:

name: mysqldb

labels:

app: mysqldb

spec:

replicas: 1

selector:

matchLabels:

app: mysqldb

template:

metadata:

labels:

app: mysqldb

spec:

containers:

- name: mysqldb

image: mysql

ports:

- containerPort: 3306

volumeMounts:

- name: mysql-volume

mountPath: /var/lib/mysql

env:

- name: MYSQL_DATABASE

value: cricket

- name: MYSQL_PASSWORD

value: "root"

- name: MYSQL_ROOT_PASSWORD

value: "root"

volumes:

- name: mysql-volume

persistentVolumeClaim:

claimName: mysql-pvc

PROBLEMS 3

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube

kubectl

Ln 27, Col 25 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/apps/v1@deployment

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Search

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db-k8s-pvc.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

! db-k8s-deploy.yaml

! db-k8s-pvc.yaml

! db-k8s-svc.yaml

! react-k8s-deploy.yaml 1

! react-k8s-svc.yaml

! spring-k8s-deploy.yaml 1

! spring-k8s-svc.yaml

! react-k8s-deploy.yaml 1

! db-k8s-pvc.yaml X

! spring-k8s-deploy.yaml 1

! spring-k8s-svc.yaml

! react-k8s-svc.yaml

! db-k8s-pvc.yaml > {} spec > storageClassName

io.k8s.api.core.v1.PersistentVolumeClaim (v1@persistentvolumeclaim.json) | io.k8s.api.core.v1.PersistentVolume (v1@persistentvolume.json)

1 apiVersion: v1

2 kind: PersistentVolume

3 metadata:

4 | name: mysql-pv

5 spec:

6 | capacity:

7 | | storage: 1Gi

8 | accessModes:

9 | | - ReadWriteOnce

10 | persistentVolumeReclaimPolicy: Retain

11 | storageClassName: standard

12 | hostPath:

13 | | path: /mnt/data/mysql

14

15 ---

16

17 apiVersion: v1

18 kind: PersistentVolumeClaim

19 metadata:

20 | name: mysql-pvc

21 spec:

22 | accessModes:

23 | | - ReadWriteOnce

24 | resources:

25 | | requests:

26 | | | storage: 1Gi

27 | storageClassName: standard

PROBLEMS 2

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube

kubectl

Ln 27, Col 29

Spaces: 2

UTF-8

CRLF

YAML

Go Live

kubernetes://schema/v1@persistentvolume+v1@persistentvolumeclaim

28°

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FileEditSelectionViewGoRunTerminalHelp

db-k8s-svc.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

db-k8s-deploy.yaml
db-k8s-pvc.yaml
db-k8s-svc.yaml
react-k8s-deploy.yaml
react-k8s-svc.yaml
spring-k8s-deploy.yaml
spring-k8s-svc.yaml

! db-k8s-svc.yaml > {} metadata > name

io.k8s.api.core.v1.Service (v1@service.json)

1 apiVersion: v1

2 kind: Service

3 metadata:

4 | name: mysql-db-service

5 spec:

6 | selector:

7 | | app: mysql-db

8 | ports:

9 | - name: mysql

10 | | port: 3306

11 | | targetPort: 3306

12 type: ClusterIP

PROBLEMS 2

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube
kubectl

Ln 4, Col 9 (15 selected) Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/v1@service

28°

Search

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FileEditSelectionViewGoRunTerminalHelp

react-k8s-deploy.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

! db-k8s-deploy.yaml

! db-k8s-pvc.yaml

! db-k8s-svc.yaml

! react-k8s-deploy.yaml1

! react-k8s-svc.yaml

! spring-k8s-deploy.yaml1

! spring-k8s-svc.yaml

! react-k8s-deploy.yaml1

! db-k8s-svc.yaml

! spring-k8s-deploy.yaml1

! spring-k8s-svc.yaml

! react-k8s-svc.yaml

! react-k8s-deploy.yaml > {} spec > {} template > {} spec > [] containers > {} 0 > [] env > {} 0 > value

1io.k8s.api.apps.v1.Deployment (v1@deployment.json)

2apiVersion: apps/v1

3kind: Deployment

4metadata:

5name: react-app

6labels:

7app: react-app

8spec:

9replicas: 1

10selector:

11matchLabels:

12app: react-app

13template:

14metadata:

15labels:

16app: react-app

17spec:

18containers:

19- name: react-app

20image: dev23199/react-web-app:v1

21ports:

22- containerPort: 3000

23env:

24- name: REACT_APP_API_URL

value: http://127.0.0.1:64971/player

PROBLEMS2

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube

kubectl

Ln 24, Col 51

Spaces: 2

UTF-8

CRLF

YAML

Go Live

kubernetes://schema/apps/v1@deployment

28°

Search

ENG IN

09:53

15-05-2023

FileEditSelectionViewGoRunTerminalHelp

react-k8s-svc.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

! db-k8s-deploy.yaml

! db-k8s-pvc.yaml

! db-k8s-svc.yaml

! react-k8s-deploy.yaml 1

! react-k8s-svc.yaml

! spring-k8s-deploy.yaml 1

! spring-k8s-svc.yaml

! react-k8s-deploy.yaml 1

! db-k8s-svc.yaml

! spring-k8s-deploy.yaml 1

! spring-k8s-svc.yaml

! react-k8s-svc.yaml X

! react-k8s-svc.yaml > {} spec > type

io.k8s.api.core.v1.Service (v1@service.json)

1 apiVersion: v1

2 kind: Service

3 metadata:

4 name: react-app

5 spec:

6 selector:

7 app: react-app

8 ports:

9 - name: http

10 port: 80

11 targetPort: 3000

12 type: NodePort

PROBLEMS 2

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube

kubectl

minikube default

Ln 12, Col 17 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/v1@service

28°

Search

ENG IN

09:53 15-05-2023

File Edit Selection View Go Run Terminal Help

spring-k8s-deploy.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

db-k8s-deploy.yaml
db-k8s-pvc.yaml
db-k8s-svc.yaml
react-k8s-deploy.yaml
react-k8s-svc.yaml
spring-k8s-deploy.yaml
spring-k8s-svc.yaml

! spring-k8s-deploy.yaml > {} spec > {} template > {} spec > [] containers > {} 0 > [] ports > {} 0 > # containerPort

1 apiVersion: apps/v1

2 kind: Deployment

3 metadata:

4 name: spring-app

5 spec:

6 replicas: 1

7 selector:

8 matchLabels:

9 app: spring-app

10 template:

11 metadata:

12 labels:

13 app: spring-app

14 spec:

15 containers:

16 - name: springapp

17 image: dev23199/spring-web-app:v1

18 ports:

19 - containerPort: 8090

20 env:

21 - name: MYSQL_HOST

22 value: mysql-db-service

23 - name: MYSQL_USER

24 value: root

25 - name: MYSQL_PASSWORD

26 value: root

27 - name: MYSQL_PORT

28 value: "3306"

29 volumeMounts:

30 - name: mysql-volume

31 mountPath: /var/lib/mysql

32 volumes:

33 - name: mysql-volume

34 persistentVolumeClaim:

35 claimName: mysql-pvc

PROBLEMS 2

OUTPUT

DEBUG CONSOLE

TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube
kubectl

Ln 19, Col 34 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/apps/v1@deployment

28° Search

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File Edit Selection View Go Run Terminal Help

spring-k8s-svc.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

db-k8s-deploy.yaml
db-k8s-pvc.yaml
db-k8s-svc.yaml
react-k8s-deploy.yaml 1
react-k8s-svc.yaml
spring-k8s-deploy.yaml 1
spring-k8s-svc.yaml

! spring-k8s-svc.yaml > {} spec > [] ports > {} 0 > # targetPort

1 io.k8s.api.core.v1.Service (v1@service.json)

2 apiVersion: v1

3 kind: Service

4 metadata:

5 name: spring-app-service

6 spec:

7 selector:

8 app: spring-app

9 ports:

10 - name: http

11 port: 8090

12 targetPort: 8090

13 nodePort: 30001 # This is an example port number; choose an available port in your cluster

type: NodePort

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL

! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

minikube default

Ln 11, Col 23 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/v1@service

28°

Search

ENG IN 09:53 15-05-2023

FileEditSelectionViewGoRunTerminalHelp

spring-k8s-svc.yaml - Kubernetes - Visual Studio Code

EXPLORER

KUBERNETES

! db-k8s-deploy.yaml

! db-k8s-pvc.yaml

! db-k8s-svc.yaml

! react-k8s-deploy.yaml1

! react-k8s-svc.yaml

! spring-k8s-deploy.yaml1

! spring-k8s-svc.yaml

OUTLINE

TIMELINE

! react-k8s-deploy.yaml1

! db-k8s-svc.yaml

! spring-k8s-deploy.yaml1

! spring-k8s-svc.yamlX

! react-k8s-svc.yaml

! spring-k8s-svc.yaml > {} spec > [] ports > {} 0 > # targetPort

io.k8s.api.core.v1.Service (v1@service.json)

1 apiVersion: v1

2 kind: Service

PROBLEMS2

OUTPUT

DEBUG CONSOLE

TERMINAL

mysql> select * from players;

+-----+-----+-----+-----+

| id | dob | mobileno | name |

+-----+-----+-----+-----+

| 1 | 23-01-2001 | 000001 | suraj |

| 2 | 07-06-98 | 12345678 | saurabh |

| 3 | 07-06-98 | 12345678 | saurabh |

| 4 | 07-06-98 | 12345678 | saurabh |

+-----+-----+-----+-----+

4 rows in set (0.43 sec)

mysql>

+ v ... ^ x

minikube

kubectl

minikube

minikube

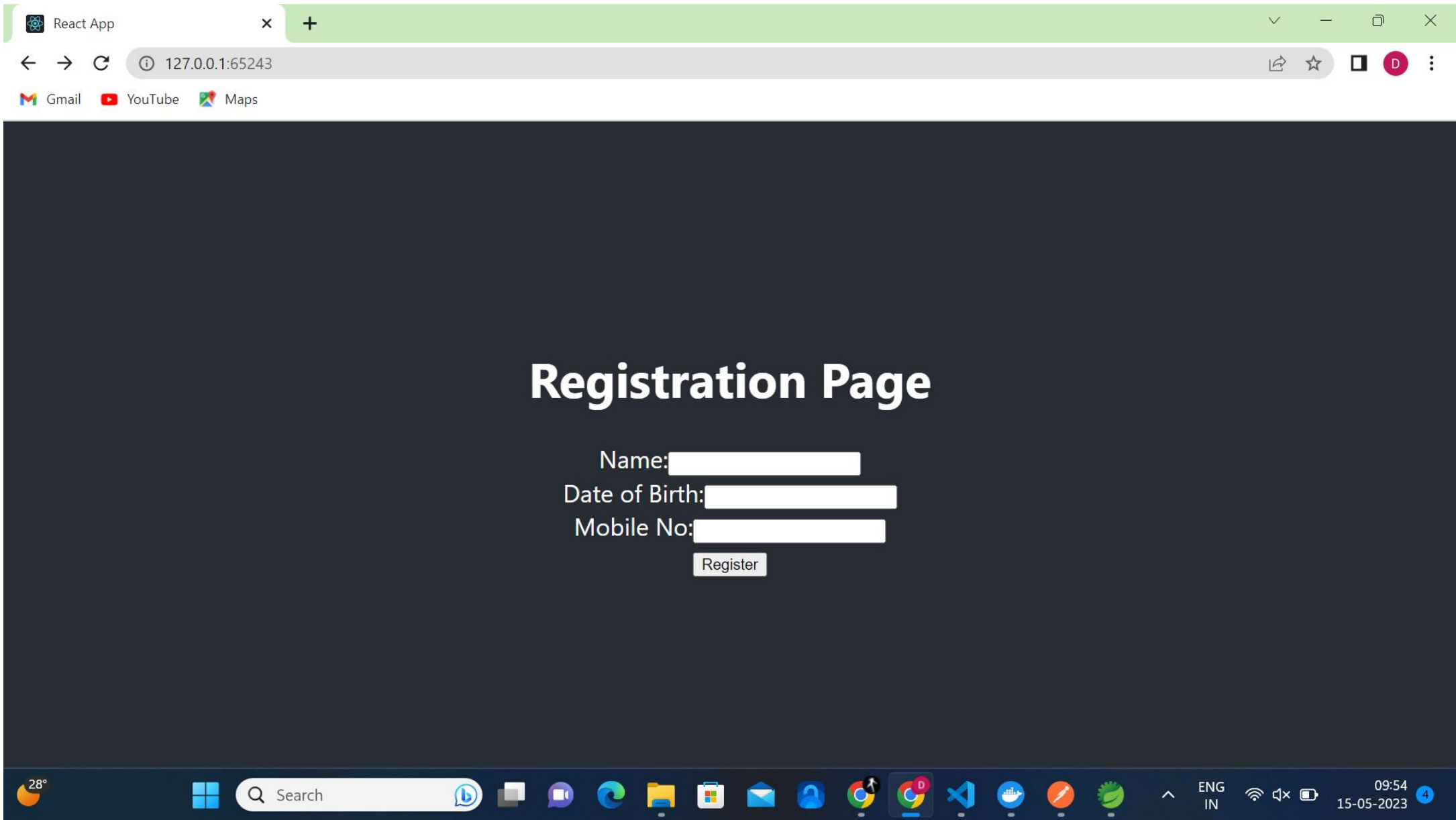
0 2 minikube default

Ln 11, Col 23 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/v1@service

28° Search

ENG IN

09:54 15-05-2023



HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

No Environment

Overview

GET http://127.0.0.1:64971/

POST http://127.0.0.1:64971/

GET localhost:8090/jdk.inte

+

...

http://127.0.0.1:64971/player/get

Save

Send

GET

http://127.0.0.1:64971/player/get

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body

Cookies

Headers (8)

Test Results

Status: 200 OK

Time: 203 ms

Size: 512 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

Copy

Search

```
1 {
2   "id": 1,
3   "name": "suraj",
4   "dob": "23-01-2001",
5   "mobilen": "000001"
6 }
7 {
8   "id": 2,
9   "name": "saurabh",
10  "dob": "07-06-98",
11  "mobilen": "12345678"
12 }
13 }
14 }
```

Online

Find and Replace

Console

Cookies

Capture requests

Runner

Trash

28°

Search

ENG IN

09:54

15-05-2023

</p>



Cookies

Beautify

```
1 {
2     "id": 1,
3     "name": "suraj",
4     "dob": "23-01-2001",
5     "mobilenos": "000001"
6 }
```


 Status: 200 OK Time: 1744 ms Size: 315 B
  Save as Example
 

—

```
1 {
2   "id": 1,
3   "name": "suraj",
4   "dob": "23-01-2001",
5   "mobilen": "000001"
6 }
```