

Configuring Spring Security to Use a Database



Bryan Hansen

DIRECTOR OF SOFTWARE DEVELOPMENT

@bh5k

User Storage



In Memory Configuration

```
auth
    .inMemoryAuthentication()
    .withUser( "bryan" )
    .password( passwordEncoder().encode( "pass" ) )
    .roles( "USER" );
```

Database



JDBC Configuration

```
auth  
  .jdbcAuthentication()  
  .dataSource(dataSource);
```

docker-compose.yml

db:

image: mysql:5.7

container_name: conference_security

ports:

- 3306:3306

volumes:

- ".data/db:/var/lib/mysql"

environment:

MYSQL_ROOT_PASSWORD: pass

MYSQL_DATABASE: conference_security

Docker Tips

docker-compose up -d

docker-compose down

docker ps

docker inspect <pid>

docker inspect <pid>| grep "IPAddress"

Summary

In Memory

JDBC

Docker

MySQL

jdbcAuthentication

Encode