

localhost:3306 - Beekeeper Studio - Free Version

withjwt

Filter

ENTITIES 1

user

Query #1

```
1
2 select * from user;
3
4
5
6
7
8
9
10
11
```

Save

Run

Upgrade

	created_at	updated_at	email	first_name	last_name	password	role
1	(NULL)	2025-08-06 03:06:57.178356	admin@admin.com	admin	admin	\$2a\$10\$YqdzTblebsvUrk7b0lhfr.HhLDXrWa5YQmF7Ldfla9.THk1J4RPq	ROLE_ADMIN

GET 

▼

http://localhost:8080/api/all

Send 

▼

200 OK174 ms21 BJust Now 

▼

ParamsBodyAuthHeaders

3

ScriptsDocs

URL PREVIEW

http://localhost:8080/api/all

QUERY PARAMETERS

Import from URL

Bulk Edit

+ Add

Delete all

Description

name

value

▼

Preview

Headers

9

Cookies

Tests

0 / 0

→ Mock

Console

Preview 

▼

1

everyone can see this

GET 

▼

http://localhost:8080/api/users

Send ▼

Params

Body

Auth

Headers 

3

Scripts

Docs

URL PREVIEW

http://localhost:8080/api/users

Copy

QUERY PARAMETERS

Import from URL

Bulk Edit

+ Add

Delete all

Description

name	value	▼	✓	🗑
------	-------	---	---	---

403 Forbidden

120 ms

98 B

Just Now

Preview

Headers 

9

Cookies

Tests 

0 / 0

→ Mock

Console

Preview ▼

1

2

3

4

5

6

{

"timestamp": "2025-08-06T08:09:54.094+00:00",

"status": 403,

"error": "Forbidden",

"path": "/api/users"

}

POST

▼ http://localhost:8080/auth/signup

Send ▼

200 OK

661 ms

155 B

Just Now ▼

Params

Body ●

Auth

Headers 4

Scripts

Docs

Preview

Headers 9

Cookies

Tests 0 / 0

→ Mock

Console

JSON ▼

1 ▼ {

2   "firstname":"bob",

3   "password":"user",

4   "email":"john@gmail.com",

5   "lastName":"johnson"

6 }

Preview ▼

1 ▼ {

2   "token":

3   "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJqb2huQGdtYWlsLmNvbSIsImIhdCI6MTc1NDQ2ODAxMjY3fQ.wxE4x51Ne0J0CgxYEywKXcXzUvY-Ivd91ICdUc5WPRM"

3 }

1

2

3

4

5

6

7

8

9

10

11

```
select * from user;
```

Save

Run

	created_at	updated_at	email	first_name	last_name	password	role
1	(NULL)	2025-08-06 03:06:57.178356	admin@admin.com	admin	admin	\$2a\$10\$YqdzTblebsvUrk7bOlhfr.HhLDXrWa5YQmF7LdfLa9.THk1J4RP.q	ROLE_ADMIN
2	(NULL)	2025-08-06 03:14:27.151064	john@gmail.com	(NULL)	johnson	\$2a\$10\$NRi/qfUJxeWFd5U.D.PckeE1BvRtQr4PNUipJtIDVLY1vTMM1y...	ROLE_USER

POST Lab12Part3 x +

POST http://localhost:8080/auth/signin

Send

200 OK

416 ms

155 B

Just Now

Params Body Auth Headers 4 Scripts Docs

Preview Headers 9 Cookies Tests 0 / 0 → Mock Console

JSON

Preview

```
1 {  
2   "firstname":"bob",  
3   "password":"user",  
4   "email":"john@gmail.com",  
5   "lastName":"johnson"  
6 }
```

```
1 {  
2   "token":  
3     "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJqb2huQGdtYWlsLmNvbSI6ImIhdCI6MTc1NDQ2ODE1NSwiZXhwIjoxNzU0NDcxNzU1fQ.p9g37mAf7rqKpGH_lyXz0UcFemsTNSXki-pz7NwmmSo"  
}
```

SpringBoot3JwtAuthenticationApplication.java

WebSecurityProject2/.../application.properties

springjwtdemo/.../application.properties

pom.xml (springjwtdemo)

```
1 spring.datasource.url=jdbc:mysql://localhost:3306/withjwt
2 spring.datasource.username=root
3 spring.datasource.password=12345
4 spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
5
6 spring.jpa.hibernate.ddl-auto=create
7 spring.jpa.show-sql=true
8
9 # JWT secret key
10 token.secret.key=48a868a4042f634ac04a117f00a87202131dd7c46c4b32c4acb3edc5e15f4511
11
12 # JWT expiration is 1 hour
13 token.expirationms=3600000
```

lication ×

JWT SIGNATURE VERIFICATION (OPTIONAL)

Enter the secret used to sign the JWT below:

SECRET

COPY

CLEAR

signature verification failed

48a868a4042f634ac04a117f00a87202131dd7c46c4b32c4acb3edc5e15f4511



Encoding Format

UTF-8







ENCODED VALUE

☐ Enable auto-focus

JSON WEB TOKEN (JWT)

COPY

CLEAR

Valid JWT

Signature Verified

```
eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJqb2huQGdtYWlsLmNvbSI6ImhhdCI6MTc1NDQ2OD  
E1NSwiZXhwIjoxNzU0NDcxNzU1fQ.p9g37mAf7rqKpGH_lyXz0UcFemsTNSXki-pz7NWmms  
q|
```

DECODED HEADER

JSON CLAIMS TABLE

COPY



```
{  
  "alg": "HS256"  
}
```

DECODED PAYLOAD

JSON CLAIMS TABLE

COPY



```
{  
  "sub": "john@gmail.com",  
  "iat": 1754468155,  
  "exp": 1754471755  
}
```

JWT SIGNATURE VERIFICATION (OPTIONAL)

Enter the secret used to sign the JWT below:

SECRET

COPY

CLEAR

Valid secret


48a868a4042f634ac04a117f00a87202131dd7c46c4b32c4acb3edc5e15f4511




Encoding Format

base64url



GET  http://localhost:8080/api/users

Send 


200 OK


1.35 s

23 B

J

Params

Body 

Auth 

Headers 4

Scripts

Docs

Preview


Headers 9


Cookies


Tests 0 / 0

→ Mock

Console


Bearer Token 

Preview 

ENABLED 

TOKEN

eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJqb2huQGdtYWlsLmNvbSIsImhdi



PREFIX

1 ONLY users can see this

POST http://localhost:8080/auth/signin

Send

200 OK1.44 s156 BJust Now

ParamsBodyAuthHeaders4ScriptsDocs


PreviewHeaders9CookiesTests0/0MockConsole


JSON

Preview

```
1 {
2   "email": "admin@admin.com",
3   "password": "password"
4 }
```

```
1 {
2   "token":
  "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBiZG1pb20iLCJpYXQiOiE3NTQ0Njg1
  NTAsImV4cCI6MTc1NDQzMjU1MH0.TALpgPkRi-gBltYABuGgZ2BMyBFtJBp4LEI5cwRdIHI"
3 }
```


GET  http://localhost:8080/api/admins

Send 


200 OK


159 ms

24 B

Just Now 

Params

Body 

Auth 

Headers 4

Scripts

Docs

Preview


Headers 9


Cookies

Tests 0 / 0


→ Mock

Console

Bearer Token 


Preview 


ENABLED ☒

TOKEN ..... 

PREFIX

1 ONLY admins can see this


GET  http://localhost:8080/api/users

Send 

200 OK

111 ms

23 B

Just Now 

Params Body  Auth  Headers  Scripts Docs

Preview Headers  Cookies Tests 0/0  Mock Console

Bearer Token 

Preview 

ENABLED ☒

TOKEN ..... 

PREFIX \_\_\_\_\_

1 ONLY users can see this