

localhost:8080/h2-console/login.do?jsessionid=3731f78a0de8abc0d760195edda39576

jdbc:h2:mem:employeeDB | Auto commit | Max rows: 1000 | Auto complete Off | Auto select On | ?

Run Run Selected Auto complete Clear SQL statement:

SELECT * FROM AUTHORITIES

AUTHORITIES EMPLOYEE USERS INFORMATION_SCHEMA Sequences Users H2 1.4.200 (2019-10-14)

SELECT * FROM AUTHORITIES;

USERNAME	AUTHORITY
admin	ROLE_admin
user	ROLE_user

(2 rows, 59 ms)

Edit

localhost:8080/h2-console/login.do?jsessionid=3731f78a0de8abc0d760195edda39576

jdbc:h2:mem:employeeDB | Auto commit | Max rows: 1000 | Auto complete Off | Auto select On | ?

Run Run Selected Auto complete Clear SQL statement:

SELECT * FROM USERS

AUTHORITIES EMPLOYEE USERS INFORMATION_SCHEMA Sequences Users H2 1.4.200 (2019-10-14)

SELECT * FROM USERS;

USERNAME	PASSWORD	ENABLED
admin	admin	TRUE
user	user	TRUE

(2 rows, 27 ms)

Edit

The screenshot shows the H2 Database Console interface at localhost:8080/h2-console/login.do?jsessionid=3731f78a0de8abc0d760195edda39576. The left sidebar lists database objects: AUTHORITIES, EMPLOYEE, USERS, INFORMATION_SCHEMA, Sequences, and Users. The main area contains a SQL statement window with the following content:

```
SELECT * FROM EMPLOYEE|
```

Below the SQL window, a preview table is shown with the following columns and data:

ID	EMAIL	FIRST_NAME	LAST_NAME
(no rows, 18 ms)			

An 'Edit' button is located below the preview table.

With User login:

The screenshot shows the Swagger UI at localhost:8080/swagger-ui.html#/employee-controller. A POST request is selected for the endpoint `/employeeServices/employeeinfo`. The 'employeeDetails' parameter is highlighted. The 'Parameters' section shows the following details:

Name	Description
emp * required (body)	emp

The 'Example Value' field contains the following JSON object:

```
{
  "email": "krishna2@gmail.com",
  "firstName": "Krishn",
  "id": 0,
  "lastName": "kr"
}
```

The 'Parameter content type' dropdown is set to `application/json`.

At the bottom, there are 'Execute' and 'Clear' buttons.

The screenshot shows a browser window with the URL `localhost:8080/swagger-ui.html#/employee-controller`. The page displays a curl command, a request URL (`http://localhost:8080/employeeServices/employeeinfo`), and a server response for a 403 error. The response body is a JSON object:

```
{  
    "timestamp": "2022-11-12T06:11:32.307+00:00",  
    "status": 403,  
    "error": "Forbidden",  
    "message": "",  
    "path": "/employeeServices/employeeinfo"  
}
```

There is a "Download" button next to the response body. The "Responses" section is collapsed.

With Admin login:

localhost:8080/swagger-ui.html#/employee-controller/employeeDetailsUsingPOST

POST /employeeServices/employeeinfo employeeDetails

Parameters

Name	Description
emp <small>required</small>	emp (body)

Example Value | Model

```
{ "email": "Krishna@gmail.com", "firstName": "Krishna", "id": 0, "lastName": "Kumar" }
```

Cancel

Parameter content type

application/json

Execute Clear

localhost:8080/swagger-ui.html#/employee-controller/employeeDetailsUsingPOST

Responses

Curl

```
curl -X POST "http://localhost:8080/employeeServices/employeeinfo" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"email\": \"kk@gmail.com\", \"firstName\": \"kk\", \"id\": 0, \"lastName\": \"k\"}"
```

Request URL

http://localhost:8080/employeeServices/employeeinfo

Server response

Code	Details
200	<p>Response body</p> <pre>employee detail saved</pre> <p>Download</p> <p>Response headers</p> <pre>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-length: 21 content-type: text/plain; charset=UTF-8 date: Sat, 12 Nov 2022 06:16:02 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache x-content-type-options: nosniff x-frame-options: DENY x-xss-protection: 1; mode=block</pre>

Responses

Code	Description
200	OK

localhost:8080/h2-console/login.do?jsessionid=3731f78a0de8abc0d760195edda39576

```

SELECT * FROM EMPLOYEE;
+----+-----+-----+-----+
| ID | EMAIL | FIRST_NAME | LAST_NAME |
+----+-----+-----+-----+
| 1  | Krishna@gmail.com | Krishna | Kumar |
+----+-----+-----+-----+
(1 row, 23 ms)

```

4.

localhost:8080/swagger-ui.html#/employee-controller/getAllEmployeeUsingGET

```

curl -X GET "http://localhost:8080/employeeServices/allemployee" -H "accept: */*"

```

```

[{"id": 1, "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com"}, {"id": 2, "firstName": "kk", "lastName": "k", "email": "kk@gmail.com"}]

```

① localhost:8080/swagger-ui.html#/employee-controller/getEmployeeByIdUsingGET

GET /employeeServices/getEmployeeById getEmployeeById

Parameters

Name	Description
id integer(\$int64) (query)	id 1

Execute Clear

Responses

Curl

```
curl -X GET "http://localhost:8080/employeeServices/getEmployeeById?id=1" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employeeServices/getEmployeeById?id=1
```

Server response

Code	Details
200	<p>Response body</p> <pre>{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }</pre> <p>Download</p> <p>Response headers</p> <pre>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-type: application/json date: Sat, 12 Nov 2022 06:38:10 GMT expires: 0</pre>

① localhost:8080/swagger-ui.html#/employee-controller/updateTutorialUsingPUT

PUT /employeeServices/employee/{id} updateTutorial

Parameters

Name	Description
emp • required (body)	emp Example Value Model <pre>{ "email": "kri@cu.io", "firstName": "K", "id": 0, "lastName": "ri" }</pre>

Cancel

Parameter content type
application/json

id • required
integer(\$int64)
(path)

2

Execute Clear

Responses

Curl

① localhost:8080/swagger-ui.html#/employee-controller/getAllEmployee

GET /employeeServices/allEmployee getAllEmployee

Parameters

No parameters

Execute **Clear** **Cancel**

Responses

Curl

```
curl -X GET "http://localhost:8080/employeeServices/allEmployee" -H "accept: */*
```

Request URL

```
http://localhost:8080/employeeServices/allEmployee
```

Server response

Code	Details
200	Response body [{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }, { "firstName": "K", "lastName": "r", "email": "kri@co.io", "id": 2 }] Download

Response headers

```
cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-type: application/json  
date: Sat, 12 Nov 2022 06:41:20 GMT
```

① localhost:8080/swagger-ui.html#/employee-controller/deleteEmplByIdUsingDELETE

DELETE /employeeServices/deleteById deleteEmplById

Parameters

Name	Description
id integer(\$int64) (query)	id 2

Execute **Clear** **Cancel**

Responses

Curl

```
curl -X DELETE "http://localhost:8080/employeeServices/deleteById?id=2" -H "accept: */*
```

Request URL

```
http://localhost:8080/employeeServices/deleteById?id=2
```

Server response

Code	Details
200	Response body Deleted employee id -2 Download

Response headers

```
cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-length: 22  
content-type: text/plain;charset=UTF-8  
date: Sat, 12 Nov 2022 06:47:29 GMT  
expires: 0
```

localhost:8080/swagger-ui.html#/employee-controller/deleteEmplByIdUsingDELETE

GET /employeeServices/allEmployee getAllEmployee

Parameters

No parameters

Execute Clear

Responses Response content type */*

Curl

```
curl -X GET "http://localhost:8080/employeeServices/allEmployee" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employeeServices/allEmployee
```

Server response

Code	Details
200	<p>Response body</p> <pre>[{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }]</pre> <p>Download</p> <p>Response headers</p> <pre>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-type: application/json date: Sat, 12 Nov 2022 06:48:04 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache transfer-encoding: chunked</pre>

localhost:8080/swagger-ui.html#/employee-controller/employeeDetailsUsingPOST

GET /employeeServices/getEmployeeByNames getEmployeeByNames

Parameters

Name	Description
name <small>string (query)</small>	name <small>string</small>

Execute Clear

Responses Response content type */*

Curl

```
curl -X GET "http://localhost:8080/employeeServices/getEmployeeByNames?name=string" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employeeServices/getEmployeeByNames?name=string
```

Server response

Code	Details
200	<p>Response body</p> <pre>[{ "firstName": "string", "lastName": "string", "email": "string", "id": 4 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 5 }]</pre> <p>Download</p>

localhost:8080/h2-console/login.do?jsessionid=4da56cdd00c8e875d5d1d491cc729cf8

Auto commit | Max rows: 1000 | Auto complete Off | Auto select On | ?

jdbc:h2:mem:employeeDB | Run | Run Selected | Auto complete | Clear | SQL statement: SELECT * FROM EMPLOYEE

AUTHORITIES
EMPLOYEE
USERS
INFORMATION_SCHEMA
Sequences
Users
H2 1.4.200 (2019-10-14)

SELECT * FROM EMPLOYEE;

ID	EMAIL	FIRST_NAME	LAST_NAME
1	Krishna@gmail.com	Krishna	Kumar
3	kkris@gmail.com	Kumar	Krish
4	string	string	string
5	string	string	string

(4 rows, 32 ms)

Edit

① localhost:8080/swagger-ui.html#/employee-controller/getEmployeesInsortedOrderUsingGET

GET /employeeServices/getEmployeesInsortedOrder getEmployeesInsortedOrder

Parameters

Name	Description
direction string (query)	direction <input type="text" value="ASC"/>

Responses

Curl

```
curl -X GET "http://localhost:8080/employeeServices/getEmployeesInsortedOrder?direction=ASC" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employeeServices/getEmployeesInsortedOrder?direction=ASC
```

Server response

Code	Details				
200	Response body <pre>[{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }, { "firstName": "Kumar", "lastName": "Kris", "email": "kris@gmail.com", "id": 3 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 4 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 5 }]</pre> <p>Request URL</p> <pre>http://localhost:8080/employeeServices/getEmployeesInsortedOrder?direction=ASC</pre> <p>Server response</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td>200</td> <td> Response body <pre>[{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }, { "firstName": "Kumar", "lastName": "Kris", "email": "kkris@gmail.com", "id": 3 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 4 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 5 }]</pre> <p>Download</p> </td> </tr> </tbody> </table>	Code	Details	200	Response body <pre>[{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }, { "firstName": "Kumar", "lastName": "Kris", "email": "kkris@gmail.com", "id": 3 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 4 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 5 }]</pre> <p>Download</p>
Code	Details				
200	Response body <pre>[{ "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com", "id": 1 }, { "firstName": "Kumar", "lastName": "Kris", "email": "kkris@gmail.com", "id": 3 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 4 }, { "firstName": "string", "lastName": "string", "email": "string", "id": 5 }]</pre> <p>Download</p>				

① localhost:8080/swagger-ui.html#/employee-controller/getEmployeesInsortedOrderUsingGET

Cancel

GET /employeeServices/getEmployeesInsortedOrder getEmployeesInsortedOrder

Parameters

Name	Description
direction string (query)	direction DESC

Execute Clear

Responses Response content type */*

Curl

```
curl -X GET "http://localhost:8080/employeeServices/getEmployeesInsortedOrder?direction=DESC" -H "accept: */"
```

Request URL

```
http://localhost:8080/employeeServices/getEmployeesInsortedOrder?direction=DESC
```

Server response

Code	Details
200	Response body

```
[{"id": 4, "firstName": "string", "lastName": "string", "email": "string"}, {"id": 5, "firstName": "string", "lastName": "string", "email": "string"}, {"id": 3, "firstName": "Kumar", "lastName": "Krish", "email": "kkris@gmail.com"}, {"id": 1, "firstName": "Krishna", "lastName": "Kumar", "email": "Krishna@gmail.com"}]
```

Download

Response headers