

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

MANAGEMENT

- Server Status
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- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Status / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

SQL Editor

```
20 ('2025-02-11', 150.75, 2),
21 ('2025-02-12', 300.00, 3);
22 SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount
23 FROM Customer
24 INNER JOIN Orders
25 ON Customer.customer_id = Orders.customer_id
26 -- LEFT JOIN + RIGHT JOIN to simulate FULL OUTER JOIN
27 SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount
28 FROM Customer
29 LEFT JOIN Orders
30 ON Customer.customer_id = Orders.customer_id
31
32 UNION
33
34 SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount
35 FROM Customer
36 RIGHT JOIN Orders
37 ON Customer.customer_id = Orders.customer_id;
```

Result Grid

customer_id	first_name	last_name	order_id	order_date	total_amount
1	John	Smith	1	2025-02-10	200.50
2	Jane	Lucas	2	2025-02-11	150.75
3	Lane	Johnson	3	2025-02-12	300.00

Administration Schemas

Information

No object selected

Result 1 Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Rows
4	13:50:04	CREATE TABLE Customer ( customer_id INT AUTO_INCREMENT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50) )	0 rows affected	0.047 sec
5	13:50:04	CREATE TABLE Orders ( order_id INT AUTO_INCREMENT PRIMARY KEY, order_date DATE, total_amount DECIMAL(10, 2), customer_id INT )	0 rows affected	0.062 sec
6	13:50:04	INSERT INTO Customer (first_name, last_name) VALUES (John, 'Smith'), (Jane, 'Lucas'), (Lane, 'Johnson')	3 rows affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
7	13:50:04	INSERT INTO Orders (order_date, total_amount, customer_id) VALUES (2025-02-10, 200.50, 1), (2025-02-11, 150.75, 2), (2025-02-12, 300.00, 3)	3 rows affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
8	13:50:04	SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount FROM Customer L...	3 rows returned	0.000 sec / 0.000 sec
9	13:50:04	SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount FROM Customer L...	3 rows returned	0.000 sec / 0.000 sec

Object Info Session

Search

17-02-2025 14:00

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SQL Editor

```
1 CREATE DATABASE Company28;
2 USE Company28;
3 CREATE TABLE Department (
4     department_id INT PRIMARY KEY,
5     department_name VARCHAR(255) NOT NULL
6 );
7 CREATE TABLE Employees (
8     employee_id INT PRIMARY KEY,
9     first_name VARCHAR(255) NOT NULL,
10    last_name VARCHAR(255) NOT NULL,
11    department_id INT,
12    FOREIGN KEY (department_id) REFERENCES Department(department_id)
13 );
14 INSERT INTO Department (department_id, department_name)
15 VALUES
16 (1, 'Human Resources'),
17 (2, 'Finance'),
18 (3, 'Engineering'),
19 (4, 'Sales');
20 INSERT INTO Employees (employee_id, first_name, last_name, department_id)
```

Result Grid

employee_id	first_name	last_name	department_name
1	John	Smith	Human Resources
2	Jane	Lucas	Finance
3	Robin	Steeve	Engineering
4	Emily	David	Sales

Result 1 Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Each
10	14:29:49	CREATE TABLE Department ( department_id INT PRIMARY KEY, department_name VARCHAR(255) NOT NULL )	0 rows affected	0.032 sec
11	14:29:49	CREATE TABLE Employees ( employee_id INT PRIMARY KEY, first_name VARCHAR(255) NOT NULL, last_name VARCHAR(255) NOT NULL	0 rows affected	0.062 sec
12	14:29:49	INSERT INTO Department (department_id, department_name) VALUES (1, 'Human Resources'), (2, 'Finance'), (3, 'Engineering'), (4, 'Sales')	4 rows affected Records: 4 Duplicates: 0 Warnings: 0	0.016 sec
13	14:29:49	INSERT INTO Employees (employee_id, first_name, last_name, department_id) VALUES (1, 'John', 'Smith', 1), (2, 'Jane', 'Lucas', 2), (3, 'Robin', 'Steeve', 3), (4, 'Emily', 'David', 4)	4 rows affected Records: 4 Duplicates: 0 Warnings: 0	0.015 sec
14	14:29:49	SELECT Employee_id, E.first_name, E.last_name, D.department_name FROM Employees E LEFT JOIN Department D ON E.depart...	4 rows returned	0.000 sec / 0.000 sec
15	14:29:49	SELECT Employee_id, E.first_name, E.last_name, D.department_name FROM Employees E RIGHT JOIN Department D ON E.depart...	4 rows returned	0.000 sec / 0.000 sec

Object Info Session

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Read Only Context Help Snippets

14:30 17-02-2025