

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

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

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

Administration Schemas

Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11*

Limit to 1000 rows

```
61 (2, 1, 102);
62 (3, 2, 101);
63
64 INSERT INTO Students VALUES
65 (3, 'Robert', 'Miller', 'robert.miller@email.com', '2001-03-20', '2023-01-10');
66
67 SELECT * FROM Students;
68
69
70
```

Result Grid

| StudentID | FirstName | LastName | Email | BirthDate | EnrollmentDate |
|-----------|-----------|----------|-------------------------|------------|----------------|
| 1 | John | Doe | john.doe@email.com | 2000-01-15 | 2022-08-01 |
| 2 | Jane | Smith | jane.smith@email.com | 1999-05-25 | 2021-08-01 |
| 3 | Robert | Miller | robert.miller@email.com | 2001-03-20 | 2023-01-10 |
| * | NULL | NULL | NULL | NULL | NULL |

Students 1 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|--|-----------------------|
| 13 | 22:54:20 | INSERT INTO Enrollments VALUES (1, 1, 101), (2, 1, 102), (3, 2, 101) | 3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0 | 0.016 sec |
| 14 | 22:54:28 | INSERT INTO Students VALUES (3, 'Robert', 'Miller', 'robert.miller@email.com', '2001-03-20', '2023-01-10') | 1 row(s) affected | 0.016 sec |
| 15 | 22:55:16 | SELECT * FROM Students LIMIT 0, 1000 | 3 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

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No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11*

Limit to 1000 rows

```
67 SELECT * FROM Students;
68
69 UPDATE Students
70 SET Email = 'john.new@email.com'
71 WHERE StudentID = 1;
72
73 DELETE FROM Students WHERE StudentID = 3;
74
75 SELECT * FROM Students
76 WHERE EnrollmentDate > '2022-01-01';
```

Result Grid

| StudentID | FirstName | LastName | Email | BirthDate | EnrollmentDate |
|-----------|-----------|----------|--------------------|------------|----------------|
| 1 | John | Doe | john.new@email.com | 2000-01-15 | 2022-08-01 |
| * | NULL | NULL | NULL | NULL | NULL |

Students 2 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|--|-----------------------|
| 16 | 22:55:57 | UPDATE Students SET Email = 'john.new@email.com' WHERE StudentID = 1 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0.031 sec |
| 17 | 22:56:07 | DELETE FROM Students WHERE StudentID = 3 | 1 row(s) affected | 0.015 sec |
| 18 | 22:56:14 | SELECT * FROM Students WHERE EnrollmentDate > '2022-01-01' LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |

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Limit to 1000 rows

```
73 • DELETE FROM Students WHERE StudentID = 3;
74   Execute the selected portion of the script or everything, if there is no selection
75 • SELECT * FROM Students
76   WHERE EnrollmentDate > '2022-01-01';
77
78 • SELECT * FROM Courses
79   WHERE DepartmentID = 2;
80   LIMIT 5;
81
82
```

Result Grid

| CourseID | CourseName | DepartmentID | Credits |
|----------|-----------------|--------------|---------|
| 102 | Data Structures | 2 | 4 |

Courses 3 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|-------------------|-----------------------|
| 17 | 22:56:07 | DELETE FROM Students WHERE StudentID = 3 | 1 row(s) affected | 0.015 sec |
| 18 | 22:56:14 | SELECT * FROM Students WHERE EnrollmentDate > '2022-01-01' LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 19 | 22:56:59 | SELECT * FROM Courses WHERE DepartmentID = 2 LIMIT 5 | 1 row(s) returned | 0.000 sec / 0.000 sec |

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No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11* x

Limit to 1000 rows

```
79   WHERE DepartmentID = 2;
80   Execute the selected portion of the script or everything, if there is no selection
81
82 • SELECT C.CourseName, COUNT(E.StudentID) AS TotalStudents
83   FROM Enrollments E
84   JOIN Courses C ON E.CourseID = C.CourseID
85   GROUP BY C.CourseID
86   HAVING TotalStudents > 5;
87
88
```

Result Grid

| CourseName | TotalStudents |
|------------|---------------|
|------------|---------------|

Result 4 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|-------------------|-----------------------|
| 18 | 22:56:14 | SELECT * FROM Students WHERE EnrollmentDate > '2022-01-01' LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 19 | 22:56:59 | SELECT * FROM Courses WHERE DepartmentID = 2 LIMIT 5 | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 20 | 22:57:25 | SELECT C.CourseName, COUNT(E.StudentID) AS TotalStudents FROM Enrollmen... | 0 row(s) returned | 0.016 sec / 0.000 sec |

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Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11* x

Limit to 1000 rows

```
87
88 • SELECT s.StudentID, s.FirstName, s.LastName
89 FROM Students s
90 WHERE s.StudentID IN (
91     SELECT StudentID FROM Enrollments WHERE CourseID = 101
92 )
93 AND s.StudentID IN (
94     SELECT StudentID FROM Enrollments WHERE CourseID = 102
95 )
96
```

Result Grid

| StudentID | FirstName | LastName |
|-----------|-----------|----------|
| 1 | John | Doe |

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|-------------------|-----------------------|
| 19 | 22:56:59 | SELECT * FROM Courses WHERE DepartmentID = 2 LIMIT 5 | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 20 | 22:57:25 | SELECT C.CourseName, COUNT(E.StudentID) AS TotalStudents FROM Enrollmen... | 0 row(s) returned | 0.016 sec / 0.000 sec |
| 21 | 22:57:52 | SELECT s.StudentID, s.FirstName, s.LastName FROM Students s WHERE s.Stude... | 1 row(s) returned | 0.000 sec / 0.000 sec |

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Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11* x

Limit to 1000 rows

```
96
97 • SELECT DISTINCT s.StudentID, s.FirstName, s.LastName
98 FROM Students s
99 JOIN Enrollments e ON s.StudentID = e.StudentID
100 WHERE e.CourseID IN (101, 102)
101
102
103
104
105 • SELECT AVG(Credits) AS AverageCredits FROM Courses;
```

Result Grid

| StudentID | FirstName | LastName |
|-----------|-----------|----------|
| 1 | John | Doe |
| 2 | Jane | Smith |

Result 6 x

Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---|-------------------|-----------------------|
| 20 | 22:57:25 | SELECT C.CourseName, COUNT(E.StudentID) AS TotalStudents FROM Enrollmen... | 0 row(s) returned | 0.016 sec / 0.000 sec |
| 21 | 22:57:52 | SELECT s.StudentID, s.FirstName, s.LastName FROM Students s WHERE s.Stude... | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 22 | 22:58:18 | SELECT DISTINCT s.StudentID, s.FirstName, s.LastName FROM Students s JOIN ... | 2 row(s) returned | 0.000 sec / 0.000 sec |

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Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11* x

Limit to 1000 rows

96

97 • SELECT DISTINCT s.StudentID, s.FirstName, s.LastName

98 FROM Students s

99 JOIN Enrollments e ON s.StudentID = e.StudentID

100 WHERE e.CourseID IN (101, 102);

101

102 • SELECT AVG(Credits) AS AverageCredits FROM Courses;

103

104

105

Result Grid

Filter Rows: Export: Wrap Cell Contents: ☒

AverageCredits

3.5000

Result 7 x

Read Only Context Help Snippets

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---|-------------------|-----------------------|
| 21 | 22:57:52 | SELECT s.StudentID, s.FirstName, s.LastName FROM Students s WHERE s.Stude... | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 22 | 22:58:18 | SELECT DISTINCT s.StudentID, s.FirstName, s.LastName FROM Students s JOIN ... | 2 row(s) returned | 0.000 sec / 0.000 sec |
| 23 | 22:58:42 | SELECT AVG(Credits) AS AverageCredits FROM Courses LIMIT 0, 1000 | 1 row(s) returned | 0.016 sec / 0.000 sec |

Object Info Session

Type here to search

ENG 10:58 PM 11/23/2025

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Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger DATATransformer SQL File 11* x

Limit to 1000 rows

101

102 • SELECT AVG(Credits) AS AverageCredits FROM Courses;

103

104 • ALTER TABLE Instructors ADD Salary INT;

105

106 • UPDATE Instructors SET Salary = 50000 WHERE InstructorID = 1;

107 • UPDATE Instructors SET Salary = 60000 WHERE InstructorID = 2;

108

109 • SELECT MAX(Salary) FROM Instructors

110 WHERE DepartmentID = 1;

111

Result Grid

Filter Rows: Export: Wrap Cell Contents: ☒

MAX(Salary)

50000

Result 8 x

Read Only Context Help Snippets

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|--|-----------------------|
| 25 | 22:59:10 | UPDATE Instructors SET Salary = 50000 WHERE InstructorID = 1 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0.016 sec |
| 26 | 22:59:10 | UPDATE Instructors SET Salary = 60000 WHERE InstructorID = 2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0.016 sec |
| 27 | 22:59:15 | SELECT MAX(Salary) FROM Instructors WHERE DepartmentID = 1 LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Type here to search

ENG 10:59 PM 11/23/2025