

MatDeck - Work with MySQL database

Delete data from table

- Level: Basic

In this example, we illustrate how MatDeck can be used to work with MySQL database. We will use `db_connect()` function to establish a connection to database, and `db_query()` function to delete and print table data.

Delete table data

The task is to establish the connection to MySQL Database, to delete rows which Number value is 24 from table 'Software' and after that to print remaining table data.

```
UserVal := "test_user"
```

```
PassVal := "Test123"
```

```
HostVal := "localhost"
```

```
DatVal := "matdeck"
```

```
DVal := "mysql"
```

```
PortVal := 3306
```

Connection Parameters

Query Strings

```
quVal := "DELETE FROM Software WHERE Number = 24"
```

Connecting To Database

```
conn := db_connect(DVal, "Name", HostVal, PortVal, UserVal, PassVal, DatVal)
```

Delete Table Data

```
db_query(conn, quVal)
```

List Remaining Table Data

```
dat := db_query(conn, "SELECT * FROM Software")
```

dat =

Name	Number
"NewSoftware"	157
"NewSoftware"	157
"ThirdSoftware"	628
"MatDeck"	1
"OtherSoftwares"	999
"NewSoftware"	157

;

We could also achieve this task using MatDeck script inside the document.

```
1 // MatDeck program to delete data from table 'Software' in MYSQL database
2
3 // Connecting to the server
4 conn := db_connect("mysql", "Name", "localhost", 3306, "test_user",
5 "Test123", "matdeck")
6
7 // Select query and display Name column data
8 db_query(conn, "DELETE FROM Software WHERE Number = 24")
9 print(db_query(conn, "SELECT * FROM Software"))
10
11 // Disconnecting from the server
12 db_close(conn)
```

Output

```
MatDeck Console
["NewSoftware" 157]
["NewSoftware" 157]
["ThirdSoftware" 624]
["MatDeck" 1]
["OtherSoftwares" 999]
|
```