

MYSQL UPDATE QUERY

<http://www.tutorialspoint.com/mysql/mysql-update-query.htm>

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There may be a requirement where existing data in a MySQL table needs to be modified. You can do so by using SQL **UPDATE** command. This will modify any field value of any MySQL table.

Syntax:

Here is generic SQL syntax of UPDATE command to modify data into MySQL table:

```
UPDATE table_name SET field1=new-value1, field2=new-value2
[WHERE Clause]
```

- You can update one or more field altogether.
- You can specify any condition using WHERE clause.
- You can update values in a single table at a time.

The WHERE clause is very useful when you want to update selected rows in a table.

Updating Data from Command Prompt:

This will use SQL UPDATE command with WHERE clause to update selected data into MySQL table `tutorials_tbl`.

Example:

Following example will update **tutorial_title** field for a record having `tutorial_id` as 3.

```
root@host# mysql -u root -p password;
Enter password:*****
mysql> use TUTORIALS;
Database changed
mysql> UPDATE tutorials_tbl
-> SET tutorial_title='Learning JAVA'
-> WHERE tutorial_id=3;
Query OK, 1 row affected (0.04 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql>
```

Updating Data Using PHP Script:

You can use SQL UPDATE command with or without WHERE CLAUSE into PHP function **mysql_query()**. This function will execute SQL command in similar way it is executed at `mysql>` prompt.

Example:

Try out the following example to update **tutorial_title** field for a record having `tutorial_id` as 3.

```
<?php
$dbhost = 'localhost:3036';
$dbuser = 'root';
$dbpass = 'rootpassword';
$conn = mysql_connect($dbhost, $dbuser, $dbpass);
if(! $conn )
{
    die('Could not connect: ' . mysql_error());
}
$sql = 'UPDATE tutorials_tbl
      SET tutorial_title="Learning JAVA"
      WHERE tutorial_id=3';
```

```
mysql_select_db('TUTORIALS');
$retval = mysql_query( $sql, $conn );
if(! $retval )
{
    die('Could not update data: ' . mysql_error());
}
echo "Updated data successfully\n";
mysql_close($conn);
?>
```